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State of Vermont

1988 Vital Statistics

104th Report Relating to the Registry and Return of Births, Deaths, Marriages and Divorces.

Department of Health
Agency of Human Services

1988 ANNUAL REPORT

OF

VITAL STATISTICS IN VERMONT

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State of Vermont

Agency of Human Services

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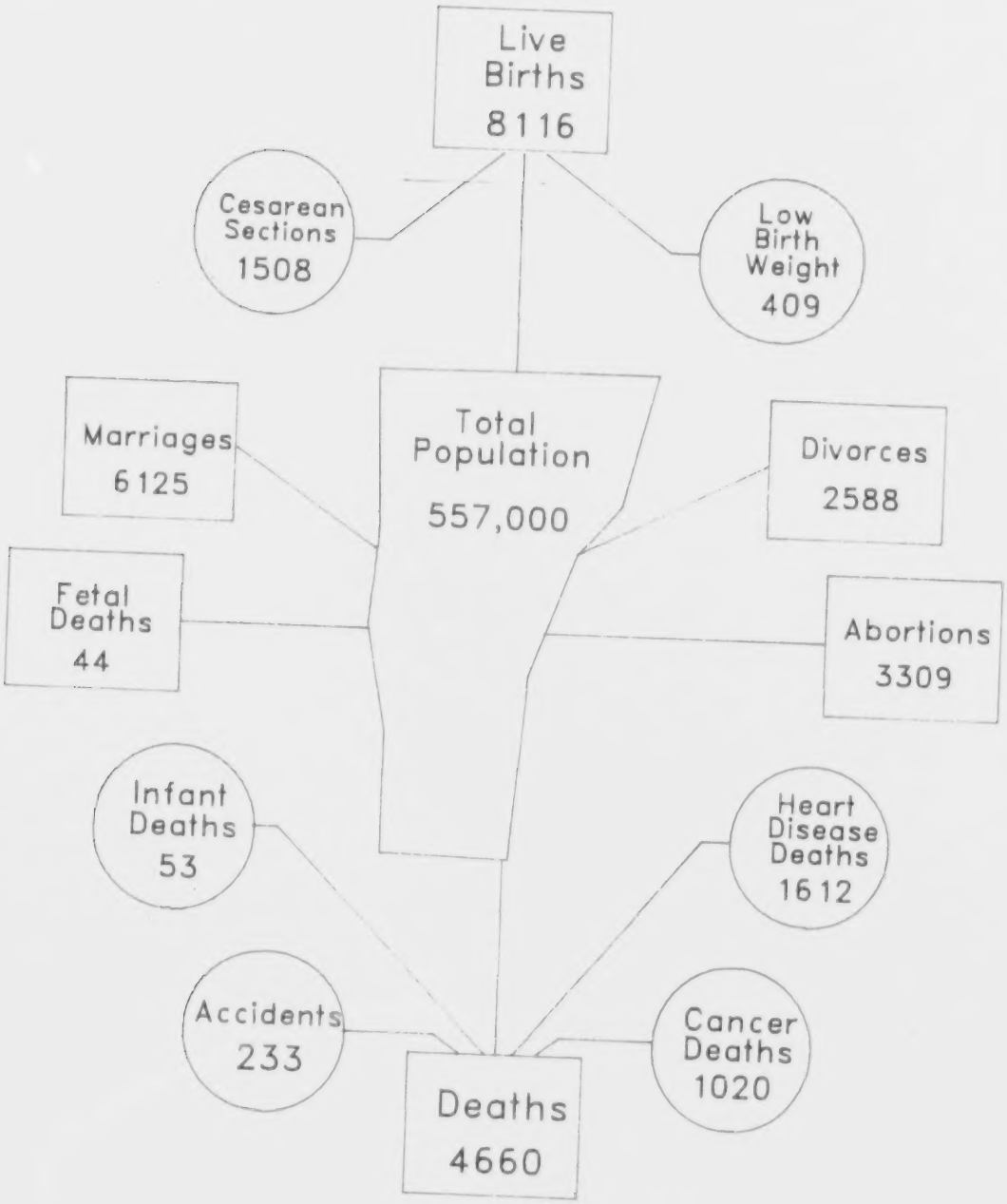
Introduction

Figure 1

VERMONT VITAL EVENTS FOR 1988



Marriages, divorces, and abortions displayed above are occurrence data; all other vital events represent resident data.

The Vermont Vital Statistics System

Statewide vital registration began in Vermont in 1857, when the General Assembly passed a bill requiring that towns report all births, marriages, and deaths occurring in their jurisdiction to the Secretary of State. The legislature also required periodic publication of tables from the reports. This volume, one in the series of publications begun in 1857, presents Vermont vital events for the year 1988. Historically, the information contained on vital records has served as an important tool for public health officials by providing a picture of the general health of the population. Recognizing its importance, in 1896 the legislature transferred responsibility for the vital statistics system to the newly formed Board of Health, the forerunner of the Vermont Department of Health. The Health Department still has this responsibility.

The current Vermont vital statistics system includes six types of vital events: births, deaths, marriages, divorces, fetal deaths, and abortions. Each type of record follows a different path before being used to produce the statistics published here.

When a birth occurs the physician, midwife, or other birth attendant is required to complete a birth certificate and file it with the town clerk in the town of birth within 10 days. For hospital births, it is usually the medical records staff who complete the birth certificate. The physician signs the completed form before it is forwarded to the town clerk.

Although the physician is also responsible for filing the death certificate, the job may be, and usually is, delegated to the funeral director. Most of the information needed to complete the death certificate is obtained from the family of the deceased. A physician, however, must complete the cause of death information and sign the death certificate. The funeral director files the certificate with the town clerk.

When a couple wishes to marry in Vermont, they provide a town clerk with the information needed to complete the marriage license. The couple takes the license to the officiant, who, after performing the marriage, signs and dates it, and returns it to the town clerk. When the town clerk files the license, it becomes the marriage certificate.

The Health Department regularly receives copies of all the births, deaths and marriages filed in local town clerks' offices.

A divorce certificate is initiated by the lawyer or other individual handling the divorce. It is filed with the court as part of the divorce proceedings. The court keeps the certificate until the divorce decree becomes final, usually three months after the court hearing. When the decree is final, the court clerk signs the certificate and sends it to the Health Department for filing.

Reports of fetal death and induced termination of pregnancy (abortion) are filled out by the attending physician. They are sent directly to the Health Department. These reports are not legal records, and are for statistical use only. After the data are extracted from them, the reports are destroyed.

All vital records received at the Health Department are computerized. Records are coded and entered into the computer. Records with unknown or unlikely data are corrected after querying the data provider. A computer tape containing statistical information from the records is sent to the National Center for Health Statistics to become part of the national data base.

Because most analyses of vital events are based on place of residence rather than occurrence, the Health Department receives copies of certificates of all Vermont resident births and deaths that occur in other states in the United States and Canada through a cooperative exchange program.

Vital statistics data are used for reports like this one, for aiding in population estimates, for targeting areas of public health concern, and for special studies. The 104 volumes of Vermont's vital statistics illustrate the changes in Vermonters' health status and needs over time.

The tables presented in this bulletin were derived from vital events filed at the Health Department for calendar year 1988. All rates are based on estimates of the Vermont midyear 1988 population (Table 2) developed by the Division of Public Health Statistics, in cooperation with the United States Census Bureau.

The following section, "How to Be a Vital Statistician", describes the basic steps one should take when using the tables presented in this book. Appendix B outlines data accuracy problems found in some of the birth items. Researchers using the birth tables in this book are encouraged to read this section.

HOW TO BE A VITAL STATISTICIAN *

This book presents vital statistics and highlights a number of important demographic and public health changes. The possible uses of vital statistics are endless. Data users are as diverse as a public health official evaluating a program and using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. Others find the entire subject matter confusing and intimidating. For either group a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful. Additional information about specific events is provided at the beginning of each section.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

DEATHS
INFANT DEATHS
NEONATAL DEATHS
POST-NEONATAL DEATHS
FETAL DEATHS
LOW BIRTH WEIGHT INFANTS
PREGNANCIES
INDUCED ABORTIONS
MARRIAGES
DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenaged pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

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* This section is reprinted with the permission of the Oregon Center for Health Statistics from their "OREGON VITAL STATISTICS, 1983" publication. Examples have been changed to Vermont examples.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are twenty-eight days old) suggests the answer is yes. But selecting post-neonatal deaths (those between twenty-eight days and one year) suggest no.

What is the correct population?

Vital events do not usually occur in individuals' homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

OCCURRENCE - means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Windham county who died in an accident while on vacation in Michigan is included in the Windham county resident death figure.

RESIDENCE - means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Windham county who died in an accident while on vacation in Michigan is included in the Windham county resident death figure.

Choosing the appropriate population is important. Occurrence birth data is more relevant to a hospital planner who is deciding whether to expand or contract delivery services. But residence birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the better choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole are easier. In this book, table headings indicate the population included in the tables.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Division of Public Health Statistics at the Vermont Department of Health for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A. Bradford Hill expressed this important statistical concept:

"It is well recognized that white sheep eat more than black sheep --because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Chittenden county than in Franklin county, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred is compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1{,}000$$

the number of people who could have died.

a number picked by vital statisticians to eliminate decimal points.

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only married women between the ages of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately, we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause of death item provides an excellent example of changes in comparability:

> Between 1975 and 1978, approximately 50 people died each year from chronic obstructive pulmonary disease.
> RATE= 9.6 PER 100,000 POPULATION.
>
> Between 1979 and 1983, approximately 160 people died each year from this cause.
> RATE = 31.7 PER 100,000 POPULATION

The explanation for the difference since 1979 is not that the incidence of C.O.P.D. deaths increased, but that a new scheme for coding causes of death was introduced that year.

Taking age and sex into account

Mr. G. C. Wipple noted in 1923 , "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

> In 1987, the death rate in Washington County was higher than the death rate in Chittenden County. However, the death rates for each age group in these two counties were virtually the same. This contradiction is explained by the fact that Washington County has a higher proportion of residents in the older age groups where death rates are higher.

	Washington	Chittenden
Crude Death Rate	8.8	6.3
Age Specific Death Rates		
0-24	0.7	0.7
25-44	1.2	1.4
45-64	7.8	7.4
65+	53.3	54.5

In this book, Vermont rates are compared to United States white rates, rather than to total United States rates because Vermont's population is predominantly white (99.1 percent).

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed at the end of this section.

Small Numbers

Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Lamoille county's infant mortality rates for the past five years:

		LAMOILLE COUNTY	
YEAR	BIRTHS	INFANT DEATHS	INFANT DEATH RATE
1983	292	4	13.7
1984	294	1	3.4
1985	261	2	7.7
1986	293	2	6.8
1987	299	3	10.0
TOTAL	1,439	12	8.3

The overall rate of 8.3 is similar to the state rate of 8.9 for the same time period. Yet the rate varies widely with the addition or subtraction of just one death. Public health officials would waste a good deal of energy if they reacted to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example, a statistician will say, "We are 95 percent sure that the true infant death rate for Vermont between 1983 and 1987 was 8.9 plus or minus .69, that is, it lies somewhere between 8.21 and 9.59." If two rates have overlapping confidence intervals, than the difference between them may be due to this chance variation. In other words, the difference between them is not statistically significant.

Lamoille county's infant death rate for the same period was 8.3 plus or minus 3.8. The difference between the state rate and Lamoille county's rate is not statistically significant.

When comparing rates and ratios, differences should be tested for statistical significance. Formulas are at the end of this section. For those who are reluctant to use formulas, consider this rule of thumb: a rate based on 20 cases has a 95 percent confidence interval about as wide as itself (the interval for a rate of 50 is between 25 and 75). Even large differences between two rates based on 20 cases or less are probably not statistically significant.

If 20 are too few, how many cases are sufficient to say that a true difference exists? Unfortunately, we have no easy rule for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. Anyone preparing to make important decisions based on these rates should make an effort to determine if the rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps are fairly mechanical:

1. Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.

2. Calculate the rates.

3. Compare these rates to determine if the differences are statistically significant.

Now the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the difference which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the Summary Statistics section, and narratives and figures are included throughout the book to illustrate changes. And finally, the staff of the Division of Public Health Statistics are available for data users who need assistance.

Basic Definitions

The following definitions apply throughout this report:

A LIVE BIRTH is the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

A DEATH is the permanent disappearance of any evidence of life at any time after live birth.

A MARRIAGE is the legal union of persons of opposite sex.

A DIVORCE is the final legal dissolution of a marriage.

An ANNULMENT is the invalidation or voiding of a marriage which confers on the parties the status of never having been married to each other.

A reportable FETAL DEATH is a death prior to the complete expulsion or extraction from the mother of a product of conception, which has passed through at least the 20th week of gestation or weighs more than 400 grams; the death is indicated by the fact that, after such expulsion or extraction, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation or the umbilical cord, or definite movement of voluntary muscles. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

An ABORTION is the purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus.

A NEONATAL DEATH is a death to a live-born infant before the infant becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).

An INFANT DEATH is a death occurring in the first year of life.

A PERINATAL DEATH is a fetal death or a death occurring before the infant becomes 7 days old (up to and including 6 days, 23 hours, 59 minutes from the moment of birth).

WEEKS OF GESTATION is the number of weeks elapsed between the first day of the last menstrual period and the date of delivery.

PLURALITY is the number of siblings born as a result of this pregnancy.

RESIDENCE is the usual place of residence for the person to whom the event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

OCCURRENCE is the place where the event actually occurred.

RATES

Crude Birth Rate = $\frac{\text{No. of resident live births}}{\text{Total resident population (mid-year)}} \times 1000$

Fertility Rate = $\frac{\text{No. of resident live births}}{\text{Total resident female population (15-44)}} \times 1000$

Age-specific Fertility Rate = $\frac{\text{No. of resident live births to mothers in a specific age group}}{\text{Total female population in specific age group (mid-year)}} \times 1000$

Pregnancy Rate = $\frac{\text{No. of resident pregnancies}}{\text{Total resident female population (15-44)}} \times 1000$

Age-Specific Pregnancy Rate = $\frac{\text{No. of resident pregnancies to women in a specific age group}}{\text{Total female population in specific age group (mid-year)}} \times 1000$

Crude Death Rate = $\frac{\text{No. of resident deaths}}{\text{Total resident population (mid-year)}} \times 1000$

Age-specific Death Rate = $\frac{\text{No. of deaths in specific age group}}{\text{Total resident population in specific age group}} \times 1000$

Marriage Rate = $\frac{\text{No. of marriages}}{\text{Total resident population (mid-year)}} \times 1000$

Divorce Rate = $\frac{\text{No. of divorces and annulments}}{\text{Total resident population (mid-year)}} \times 1000$

Infant Death Rate = $\frac{\text{No. of resident infant deaths}}{\text{Total resident live births}} \times 1000$

Neonatal Death Rate = $\frac{\text{No. of resident neonatal deaths}}{\text{Total resident live births}} \times 1000$

Fetal Death Rate = $\frac{\text{No. of resident fetal deaths}}{\text{Total resident live births and resident fetal deaths}} \times 1000$

Perinatal Death Rate = $\frac{\text{No. of resident perinatal deaths}}{\text{Total resident live births and resident fetal deaths}} \times 1000$

Abortion Ratio = $\frac{\text{No. of resident abortions}}{\text{Total resident live births}} \times 1000$

Age-adjusted Rates:

Age adjusting allows one to compare rates among populations having different age distributions by adjusting the crude rates in each population to a standard population base. (In this bulletin, county rates are adjusted to the state population distribution). The computation formula is:

$$\text{The sum of } \frac{\text{Age specific rate for each age group} \times \text{Standard population in that age group}}{\text{Total standard population}} \times 1000$$

$$\text{Confidence Interval at the 95 percent level} = \text{Rate per 1000} \pm 1.96 \sqrt{\frac{\text{Rate} \times (1000 - \text{Rate})}{\text{Population}}}$$

CONFIDENCE INTERVALS CALCULATED FOR VARIOUS RATES AND POPULATION SIZES

Rate per 1000 Population

Population Size	5	10	20	40	100	200	500
25	28	39	55	77	118	157	196
50	20	28	39	54	83	111	139
100	14	19	27	38	59	78	98
200	10	14	19	27	42	55	69
400	7	10	14	19	29	39	49
800	5	7	10	14	21	28	35
1600	3	5	7	10	15	20	24
3200	2	3	5	7	10	14	17
6400	2	2	3	5	7	10	12
12800	1	2	2	3	5	7	9

Statistical Significance:

$$\text{Compute} \pm \sqrt{(\text{First confidence interval})^2 + (\text{Second confidence interval})^2}$$

If the interval obtained from this calculation does not include 0, then the difference is statistically significant at the 95 percent level.

Summary Statistics

SUMMARY OF 1988 VITAL EVENTS

	Occurrence Number	Residence Number	Residence Rate
Births	7,877	8,116	14.6/1,000 population
Deaths	4,799	4,660	8.4/1,000 population
Natural Increase		3,456	6.2/1,000 population
Infant Deaths	53	53	6.5/1,000 live births
Fetal Deaths	53	44	5.4/1,000 live births and fetal deaths
Abortions	3,309	2,346*	
Marriages	6,125		11.0/1,000 population**
Divorces	2,588		4.6/1,000 population**

Estimated mid-year population: 557,000

*Does not include out of state occurrences
**Based on number of occurrences

SUMMARY STATISTICS

In 1988, 24,751 vital events occurred in Vermont. In addition, 1,295 records from other states were added to the Vermont vital statistics system to complete resident data. These statistics include 8,116 resident births and 4,660 resident deaths, of which 53 were infant deaths. There were 6,125 marriages performed and 2,588 divorces granted. In Vermont, 3,309 abortions were performed, including 2,346 on Vermont residents.

In contrast to the 1960's and 1970's, which showed major increases or decreases in every vital event, the 1980's have been characterized by stability. The live birth rate, which fell from 23.8 births per 1,000 population in 1960 to 14.0 in 1975, rose to 15.4 in 1981 and 1982. Since that time it has gradually declined to a low of 14.6 in 1988.

The death rate, which was 11.2 per 1,000 population in 1960, and 10.0 in 1970, was 8.4 per 1,000 population in 1988. This rate has fluctuated between 8.4 and 9.0 since 1980. Leading causes of death remain heart disease, malignant neoplasms, and cerebrovascular disease.

The infant death rate was 6.5 deaths per 1,000 live births in 1988. This is the lowest infant mortality rate recorded in Vermont. The infant mortality rate was 24.0 in 1960, and declined to 17.6 in 1970 and 10.9 in 1980. The fetal death rate, which was 12.3 per 1,000 live births and fetal deaths in 1960, was 5.4 in 1988. This rate has ranged between 6.7 and 5.0 since 1980.

The marriage rate was 11.0 per 1,000 population, an increase from the 1980 rate of 10.2. There were only 8.3 marriages per 1,000 population in 1960. The 1988 divorce rate, 4.6 divorces per 1,000 population, was lower than the peak years of 1980 and 1982 (5.2 and 5.0 per 1,000 population), but well above the 1960's rate of 1.2.

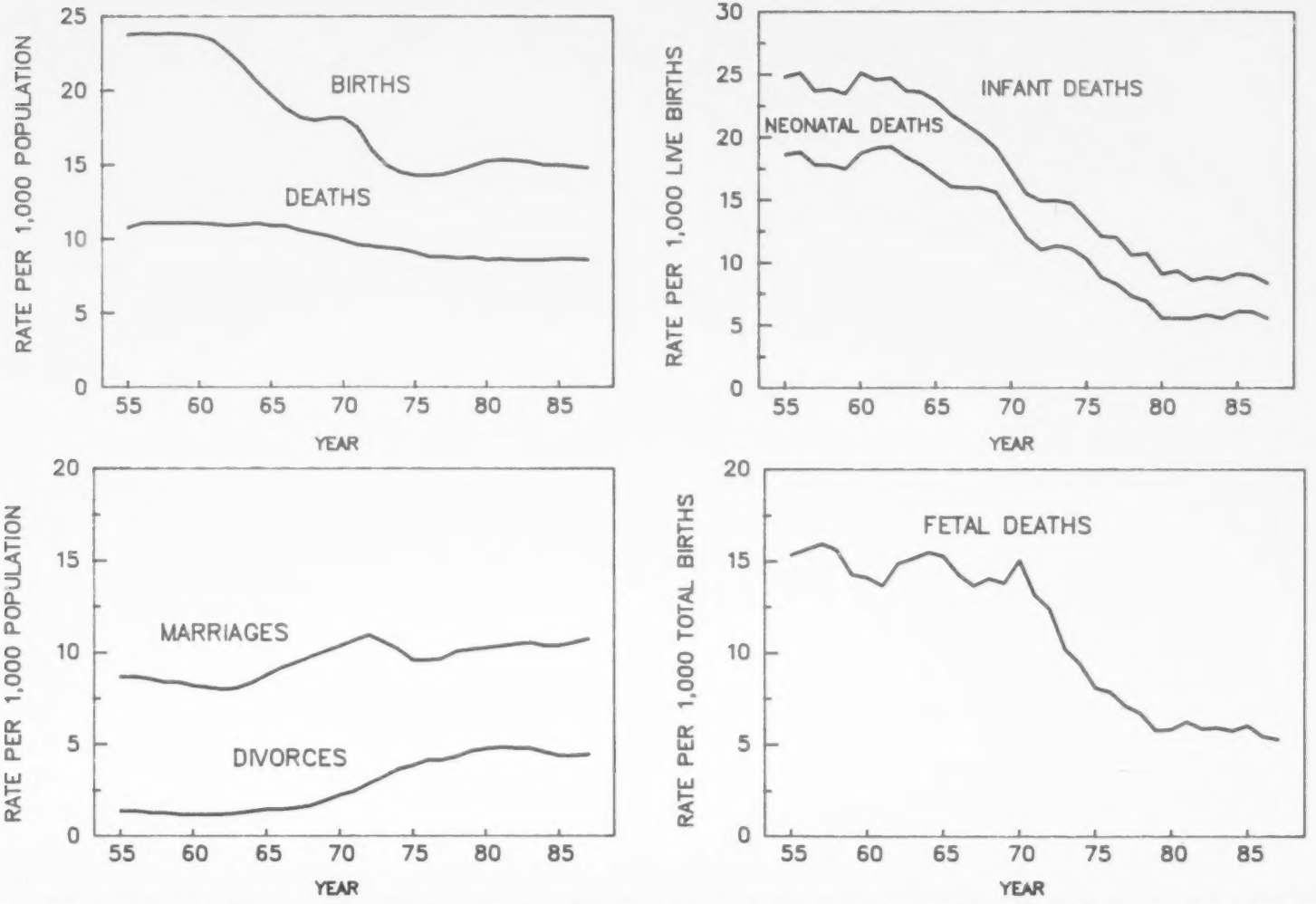
Vermont birth, death and divorce rates are similar to the most recent national data, while the Vermont infant mortality rate is lower, and the marriage rate is higher, than national rates.

In order to insure stability and eliminate small numbers biases, all rates in this report are based on populations of at least 1,000 persons. To do this, county and age cohorts of fewer than 1,000 people have been aggregated with adjoining groups. For a discussion of rate construction and small numbers analyses, please refer to "How to be a Vital Statistician" in the Introduction.

Figure 2

SELECTED VITAL EVENT RATES, VERMONT, 1955–1988

THREE YEAR MOVING AVERAGES*



*THE MOVING AVERAGE FOR A GIVEN YEAR IS THE AVERAGE OF THE DATA FOR THAT YEAR AND THE 2 ADJACENT YEARS. NO AVERAGE IS CALCULATED FOR END YEARS. THIS TECHNIQUE ATTENUATES RANDOM VARIATION.

TABLE 1

VITAL STATISTICS SUMMARY OF VERMONT

1857 - 1988

YEAR	POPULATION1	LIVE BIRTHS NUMBER	CRUDE BIRTH RATE2	FERTILITY RATE3	PREGNANCIES NUMBER4	PREGNANCIES RATE3	DEATHS NUMBER	DEATHS RATE2	INFANT DEATHS NUMBER	INFANT DEATHS RATE5	NEONATAL DEATHS NUMBER	NEONATAL DEATHS RATES	FETAL DEATHS NUMBER	FETAL DEATHS RATE6	MARRIAGES NUMBER	MARRIAGES RATE2	DIVORCES NUMBER	DIVORCES RATE2
1857*	315,098**	6538	#	#	6592	#	3458	#	450	#	UNKNOWN		54	#	1941	#	UNKNOWN	
1880*	332,286	6404	19.3	85.9	6632	89.0	5032	15.1	722	122.7	UNKNOWN		228	34.4	2697	8.1	129	0.4
1900*	343,641	7047	20.5	92.6	7356	96.6	5595	16.3	840	119.2	UNKNOWN		309	42.0	2905	8.5	235	0.7
1920*	352,428	7500	21.3	100.1	7778	103.8	5593	15.9	724	96.5	UNKNOWN		278	35.7	3720	10.6	541	1.5
1930*	359,611	6789	18.9	90.6	7004	93.5	4778	13.3	468	68.9	283	41.7	215	30.7	2866	8.0	372	1.0
1940*	359,231	6674	18.6	86.6	6874	89.2	4579	12.7	300	45.0	205	30.7	173	25.2	4906	13.7	428	1.2
1945^	368,500	6569	17.8	83.0	6706	84.7	3943	10.7	225	34.2	146	22.2	137	20.4	3087	8.4	646	1.7
1950*	377,747	8754	23.2	110.8	8897	112.6	4170	11.0	217	24.8	144	16.4	143	16.1	3569	9.4	678	1.8
1955^	383,800	9200	24.0	122.1	9344	124.0	4167	10.8	243	26.4	187	20.3	144	15.4	3378	8.8	533	1.4
1960^	389,881	9279	23.8	126.0	9395	127.6	4382	11.2	223	24.0	173	18.6	116	12.3	3253	8.3	460	1.2
1965	408,500	7885	19.3	99.7	7993	101.1	4542	11.1	173	21.9	126	16.0	108	13.5	3646	8.9	591	1.4
1970^	444,732	8420	18.9	92.5	8532	93.7	4447	10.0	148	17.6	121	14.4	112	13.1	4517	10.1	1039	2.3
1975^	478,832	6714	14.0	63.6	8218	77.8	4255	8.9	92	13.7	70	10.4	55	8.1	4560	9.5	1958	4.1
1980	511,456	7783	15.2	63.3	10360	84.2	4588	9.0	85	10.9	48	6.2	46	5.9	5239	10.2	2638	5.2
1981^	515,700	7955	15.4	63.7	10567	84.6	4333	8.4	63	7.9	36	4.5	50	6.2	5249	10.2	2301	4.5
1982^	520,000	8028	15.4	63.3	10671	84.2	4479	8.6	75	9.3	49	6.1	54	6.7	5570	10.7	2620	5.0
1983	525,000	7950	15.1	61.8	10420	81.0	4579	8.7	69	8.7	49	6.2	37	4.6	5600	10.7	2575	4.9
1984	530,000	7940	15.0	60.9	10430	80.0	4508	8.5	70	8.8	44	5.5	53	6.3	5442	10.3	2354	4.4
1985	535,000	8027	15.0	60.5	10569	79.5	4657	8.7	68	8.5	42	5.2	50	6.2	5549	10.4	2355	4.4
1986	541,000	8097	15.0	60.4	10593	79.0	4760	8.8	83	10.3	63	7.8	44	5.4	5698	10.5	2410	4.5
1987	548,000	8124	14.8	59.8	10460	77.0	4770	8.7	68	8.4	42	5.2	41	5.0	5916	10.8	2426	4.4
1988	557,000	8116	14.6	58.3	10506	75.5	4660	8.4	53	6.5	32	3.9	46	5.4	6125	11.0	2588	4.6

1 Population is the census population for those years when the census was taken and is mid-year estimates for non-census years.

2 Rate per 1000 population.

3 Rate per 1000 women ages 15-44.

4 Number of pregnancies includes Live Births and Fetal Deaths for 1857-1972, and Live Births, Fetal Deaths and Abortions for 1973-present.

5 Rate per 1000 live births.

6 Rate per 1000 live births and fetal deaths.

* Data for these years is based on occurrence returns only.

** 1857 population is the 1860 census population.

1857 was the first year that town clerks were required to report vital events to the Secretary of State and returns for that year are incomplete.

^ Population figures and rates for these years have been changed from older publications of this table to correspond to the census figures and revised mid-year estimates.

Reporting requirements were changed and includes only those of 20 or more weeks gestation or weighing 400 or more grams.

TABLE 2 1988 ESTIMATED VERMONT POPULATION BY SEX, AGE, AND COUNTY

TOTAL

COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	499	2149	4408	6293	5343	5004	3054	2380	1944	1062	366	32502
BENNINGTON	537	2159	4625	5321	5890	5067	3665	3352	2796	1888	640	35940
CALEDONIA	392	1937	4023	4041	4482	4074	2559	2370	2062	1208	391	27539
CHITTENDEN	1949	7167	15449	26543	26482	19715	12254	9080	5882	3357	1185	129063
ESSEX	79	519	957	879	1162	978	674	650	531	302	82	6813
FRANKLIN	606	2831	6003	5583	6609	5542	3670	3190	2464	1393	512	38403
GRAND ISLE	88	399	771	711	965	839	540	475	376	203	57	5424
LAMOILLE	286	1209	2573	3000	3500	3059	1808	1358	1156	749	216	18914
ORANGE	388	1766	3693	3596	4491	3767	2369	2017	1695	1027	321	25130
ORLEANS	318	1806	3666	3383	3963	3514	2291	2096	1864	1056	392	24349
RUTLAND	874	3553	7761	9178	10923	9329	6119	5534	4701	2766	1037	61775
WASHINGTON	793	3442	7218	8549	9631	8476	5529	4673	3718	2377	840	55246
WINDHAM	619	2692	5390	5319	7300	6585	3972	3537	2933	1810	648	40805
WINDSOR	760	3226	6977	6942	9745	8566	5766	5067	4557	2585	906	55097
TOTAL	8188	34855	73514	89338	100486	84515	54270	45779	36679	21783	7593	557000

MALE

COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	263	1118	2304	3195	2722	2516	1536	1159	878	440	113	16244
BENNINGTON	270	1106	2378	2563	2948	2491	1767	1614	1281	743	205	17366
CALEDONIA	190	1010	2066	2062	2241	2038	1286	1096	916	486	98	13489
CHITTENDEN	1016	3630	7897	12681	13277	9769	6185	4329	2505	1157	242	62708
ESSEX	39	258	479	459	559	508	341	311	245	129	27	3355
FRANKLIN	318	1433	3072	2724	3219	2772	1855	1508	1116	489	117	18623
GRAND ISLE	50	193	388	307	499	415	272	224	187	88	18	2641
LAMOILLE	151	593	1292	1526	1740	1538	900	654	531	261	39	9225
ORANGE	180	943	1946	2022	2195	1852	1161	982	782	423	101	12587
ORLEANS	165	933	1874	1712	1907	1767	1174	1014	856	401	102	11905
RUTLAND	446	1810	3960	4295	5364	4653	3030	2647	2039	1022	260	29526
WASHINGTON	421	1769	3732	4471	4636	4114	2733	2169	1531	790	189	26555
WINDHAM	327	1392	2806	2587	3492	3179	1956	1679	1268	638	165	19489
WINDSOR	398	1654	3600	3509	4883	4253	2891	2465	2069	1046	193	26961
TOTAL	4234	17862	37794	44113	49682	41865	27087	21851	16204	8113	1869	270674

FEMALE

COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	236	1031	2104	3098	2621	2488	1518	1221	1066	622	253	16258
BENNINGTON	267	1053	2247	2758	2942	2576	1898	1738	1515	1145	435	18574
CALEDONIA	202	927	1957	1979	2241	2036	1273	1274	1146	722	293	14050
CHITTENDEN	933	3517	7552	13862	13205	9946	6069	4751	3377	2200	943	66355
ESSEX	40	261	478	420	603	470	333	339	286	173	55	3458
FRANKLIN	288	1398	2931	2859	3390	2770	1815	1682	1348	904	395	19780
GRAND ISLE	38	206	383	404	466	424	268	251	189	115	39	2783
LAMOILLE	135	616	1281	1474	1760	1521	908	704	625	488	177	9689
ORANGE	208	823	1747	1574	2296	1915	1208	1035	913	604	220	12543
ORLEANS	153	873	1792	1671	2056	1747	1117	1082	1008	655	290	12444
RUTLAND	428	1743	3801	4883	5559	4676	3089	2887	2662	1744	777	32249
WASHINGTON	372	1673	3486	4078	4995	4362	2796	2504	2187	1587	651	28691
WINDHAM	292	1300	2584	2732	3808	3406	2016	1858	1665	1172	483	21316
WINDSOR	362	1572	3377	3433	4862	4313	2875	2602	2488	1539	713	28136
TOTAL	3954	16993	35720	45225	50804	42650	27183	23928	20475	13670	5724	286326

Figure 3

VERMONT POPULATION BY AGE AND SEX, 1988

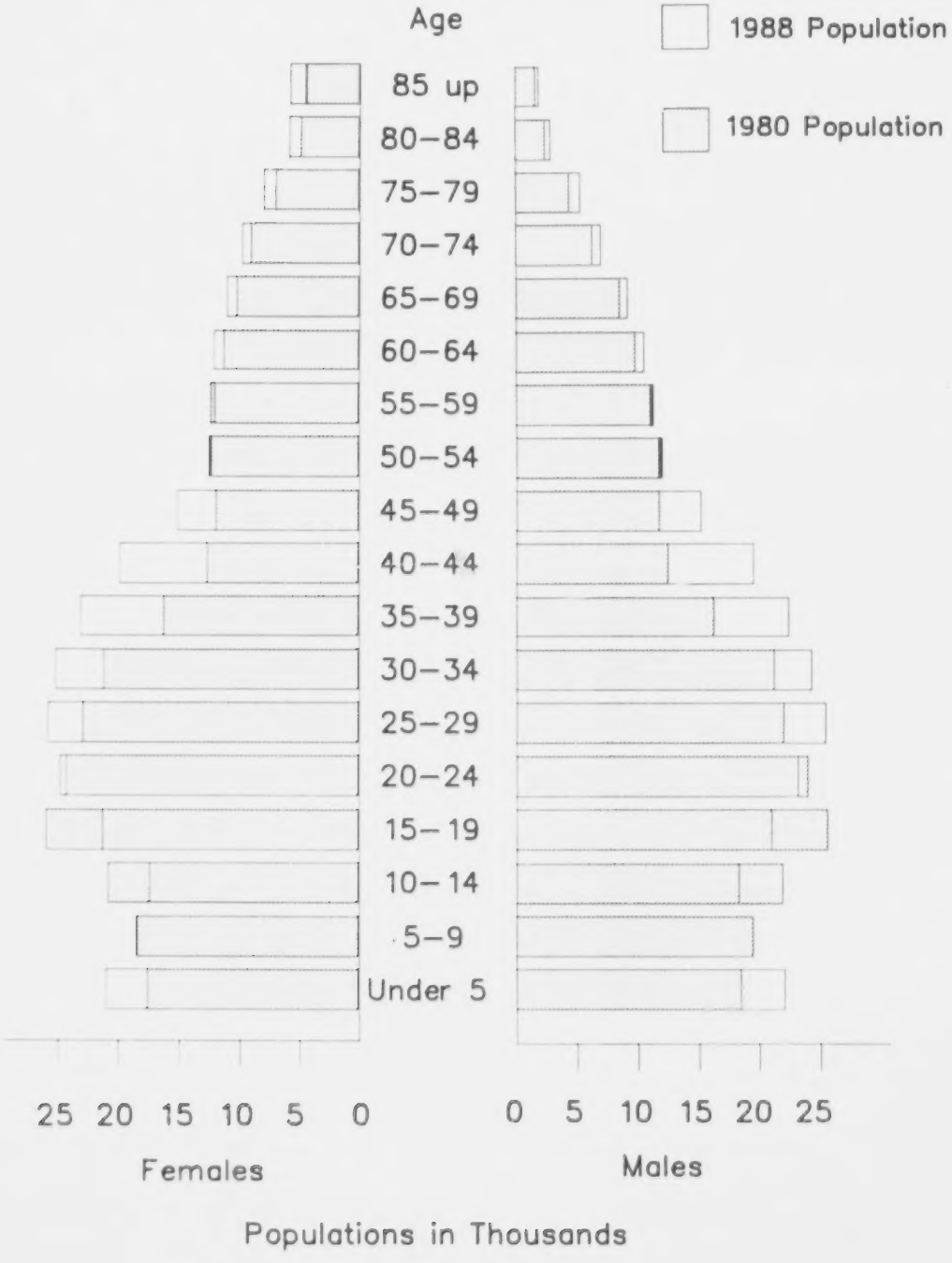


TABLE 3

1988 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY TOWN OF RESIDENCE & OCCURRENCE

	1988 ESTIMATED POPULATION	NUMBER OF BIRTHS TO TOWN RESIDENTS	NUMBER OF BIRTHS OCCURRING IN TOWN	NUMBER OF DEATHS TO TOWN RESIDENTS	NUMBER OF DEATHS OCCURRING IN TOWN	NUMBER OF MARRIAGES TO RESIDENT GROOMS	NUMBER OF MARRIAGES TO RESIDENT BRIDES	NUMBER OF MARRIAGES OCCURRING IN TOWN	NUMBER OF DIVORCES TO RESIDENT HUSBANDS	NUMBER OF DIVORCES TO RESIDENT WIVES
STATE TOTALS	557000	8116	7877	4660	4799	4569	4726	6125	2310	2431
ADDISON COUNTY	32502	462	436	225	161	236	253	327	120	123
ADDISON	1014	20	0	4	2	5	7	11	3	0
BRIDPORT	1050	19	3	6	2	6	7	4	3	4
BRISTOL	3714	52	3	45	21	38	33	36	16	24
CORNWALL	1122	14	2	5	2	10	4	6	2	2
FERRISBURG	2408	31	0	14	5	10	13	29	5	6
GOSHEN	184	3	0	0	0	0	0	7	0	0
GRANVILLE	285	5	0	4	2	2	3	2	0	0
HANCOCK	298	4	0	1	0	3	2	5	1	1
LEICESTER	870	14	0	6	2	5	7	5	2	2
LINCOLN	925	14	3	4	1	3	7	9	1	4
MIDDLEBURY	7937	83	423	49	93	50	62	107	28	26
MONKTON	1372	30	0	6	0	14	15	6	5	4
NEW HAVEN	1261	22	1	4	4	12	11	8	7	4
ORWELL	991	18	0	13	2	5	5	9	3	3
PANTON	645	5	0	2	1	1	2	4	1	1
RIPTON	401	4	1	2	1	6	4	6	5	2
SALISBURY	1009	15	0	9	5	7	6	6	4	5
SHOREHAM	1058	10	0	3	0	7	11	9	4	3
STARKSBORO	1697	33	0	4	4	18	14	13	6	7
VERGENNES	2717	40	0	36	12	24	29	36	15	19
WALTHAM	438	10	0	1	2	6	4	3	3	3
WEYBRIDGE	713	7	0	4	0	3	5	5	4	2
WHITING	393	9	0	3	0	1	2	1	2	1
BENNINGTON COUNTY	35940	539	584	377	452	276	282	469	156	150
ARLINGTON	2222	40	0	28	7	19	20	33	10	8
BENNINGTON	16593	272	582	187	384	132	139	211	84	72
DORSET	1879	25	1	21	7	16	20	31	7	7
LANDGROVE	124	0	0	1	0	1	0	7	0	0
MANCHESTER	3690	50	0	43	24	35	36	106	23	28
PERU	354	5	0	2	2	2	2	8	2	0
POWNAL	3488	48	0	30	7	23	19	19	10	16
READSBORO	868	13	0	8	2	2	1	5	1	2
RUPERT	628	5	0	6	0	3	2	5	4	3
SANDGATE	263	2	0	3	2	2	2	3	0	0
SEARSBURG	67	0	0	0	0	1	1	2	0	0
SHAFTSBURY	3304	44	0	24	10	19	24	20	11	12
STAMFORD	849	13	1	10	4	2	0	10	2	1
SUNDERLAND	854	8	0	9	2	5	4	2	0	0
WINHALL	405	9	0	4	1	7	6	3	2	1
WOODFORD	352	5	0	1	0	7	6	4	0	0
GLASTENBURY *	3	0	0	0	0	0	0	0	0	0

TABLE 3

1988 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY TOWN OF RESIDENCE & OCCURRENCE

	1988 ESTIMATED POPULATION	NUMBER OF BIRTHS TO TOWN RESIDENTS	NUMBER OF BIRTHS OCCURRING IN TOWN	NUMBER OF DEATHS TO TOWN RESIDENTS	NUMBER OF DEATHS OCCURRING IN TOWN	NUMBER OF MARRIAGES TO RESIDENT GROOMS	NUMBER OF MARRIAGES TO RESIDENT BRIDES	NUMBER OF MARRIAGES OCCURRING IN TOWN	NUMBER OF DIVORCES TO RESIDENT HUSBANDS	NUMBER OF DIVORCES TO RESIDENT WIVES
CALEDONIA COUNTY	27539	397	319	257	209	225	234	276	106	113
BARNET	1384	21	2	16	8	14	16	17	4	4
BURKE	1565	17	0	10	3	17	18	20	6	5
DANVILLE	2849	26	0	13	9	12	9	25	9	9
GROTON	759	16	0	8	2	9	10	12	4	2
HARDWICK	2671	39	0	20	5	29	29	27	10	14
KIRBY	351	2	0	4	0	3	2	1	1	1
LYNDON	5302	85	1	45	25	40	40	47	18	26
NEWARK	325	5	1	1	0	2	3	4	2	1
PEACHAM	628	10	0	8	4	7	7	11	0	0
RYEGATE	1136	19	0	13	2	4	6	3	3	2
SHEFFIELD	479	11	1	7	1	1	2	3	3	1
ST. JOHNSBURY	7883	111	312	101	147	69	80	89	31	39
STANNARD	157	2	0	1	0	0	0	0	3	0
SUTTON	744	10	0	2	0	3	3	1	1	4
WALDEN	751	6	0	3	1	5	3	2	2	0
WATERFORD	1056	15	2	4	2	7	5	10	6	3
WHEELOCK	499	2	0	1	0	3	1	4	3	2
CHITTENDEN COUNTY	129063	1993	2760	780	1110	1156	1217	1274	550	583
BOLTON	790	17	0	3	1	9	8	7	3	2
BURLINGTON	37725	459	2735	334	831	382	392	468	152	171
CHARLOTTE	3003	55	2	17	8	15	14	37	13	10
COLCHESTER	15155	238	3	59	170	122	133	120	60	61
ESSEX	16235	227	2	56	9	130	142	134	71	74
HINESBURG	3381	75	1	23	6	33	30	24	12	14
HUNTINGTON	1466	34	3	6	2	17	18	16	7	6
JERICHO	3964	76	0	13	4	36	40	27	8	7
MILTON	8379	167	1	34	10	62	63	51	40	46
RICHMOND	3735	71	0	16	10	31	34	53	23	24
SHELBURNE	5906	98	1	35	16	40	46	63	21	22
SOUTH BURLINGTON	12675	140	3	70	20	118	131	111	63	52
ST. GEORGE	695	18	1	0	0	3	3	3	2	1
UNDERHILL	2949	68	1	12	5	18	11	22	13	12
WESTFORD	1591	42	1	12	2	16	15	9	2	5
WILLISTON	4679	90	3	22	7	45	47	54	20	21
WINOOSKI	6735	118	3	68	9	79	90	74	40	55
BUEL'S GORE *	9	0	0	0	0	0	0	1	0	0

TABLE 3

1988 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1988 ESTIMATED POPULATION	NUMBER OF BIRTHS TO TOWN RESIDENTS	NUMBER OF BIRTHS OCCURRING IN TOWN	NUMBER OF DEATHS TO TOWN RESIDENTS	NUMBER OF DEATHS OCCURRING IN TOWN	NUMBER OF MARRIAGES TO RESIDENT GROOMS	NUMBER OF MARRIAGES TO RESIDENT BRIDES	NUMBER OF MARRIAGES OCCURRING IN TOWN	NUMBER OF DIVORCES TO RESIDENT HUSBANDS	NUMBER OF DIVORCES TO RESIDENT WIVES
ESSEX COUNTY	6813	89	8	64	17	37	34	59	20	25
BLOOMFIELD	248	4	0	4	1	1	1	2	2	2
BRIGHTON	1636	29	8	21	6	7	10	14	2	4
BRUNSWICK	106	3	0	1	0	0	0	0	0	0
CANAAN	1238	15	0	5	0	8	6	15	4	3
CONCORD	1237	16	0	12	6	11	8	9	2	3
EAST HAVEN	281	1	0	2	0	1	1	2	0	1
GRANBY	85	1	0	1	0	0	0	1	0	0
GUILDHALL	229	2	0	3	0	0	0	4	2	3
LEMINGTON	109	1	0	0	0	0	0	0	0	2
LUNENBURG	1292	14	0	14	3	5	6	9	6	7
MAIDSTONE	112	0	0	0	0	0	0	0	1	0
NORTON	183	3	0	1	1	4	2	3	0	0
VICTORY	57	0	0	0	0	0	0	0	0	0
AVERILL *	18	0	0	0	0	0	0	0	1	0
FERDINAND *	13	0	0	0	0	0	0	0	0	0
FRANKLIN COUNTY	38403	634	356	324	267	341	333	372	144	138
BAKERSFIELD	933	6	0	2	0	9	12	9	1	3
BERKSHIRE	1194	17	0	9	0	9	10	9	4	2
ENOSBURG	2177	49	0	28	6	30	28	28	10	8
FAIRFAX	2185	36	2	13	4	20	21	19	10	11
FAIRFIELD	1656	34	2	11	4	15	12	17	4	1
FLETCHER	725	10	0	5	2	7	8	5	5	2
FRANKLIN	1080	12	0	9	3	6	8	11	1	3
GEORGIA	3429	61	0	12	5	26	27	30	7	16
HIGHGATE	3009	51	0	14	10	27	20	27	11	9
MONTGOMERY	737	9	0	12	4	6	7	9	6	5
RICHFORD	2145	36	0	23	3	26	20	28	8	7
SHELDON	1788	40	1	13	4	15	15	13	7	4
ST. ALBANS TOWN	4334	61	0	55	67	23	27	18	1	2
ST. ALBANS CITY	7311	125	351	80	147	75	69	104	43	36
SWANTON	5700	87	0	38	8	47	49	45	26	29

1988 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1988 ESTIMATED POPULATION	NUMBER OF BIRTHS TO TOWN RESIDENTS	NUMBER OF BIRTHS OCCURRING IN TOWN	NUMBER OF DEATHS TO TOWN RESIDENTS	NUMBER OF DEATHS OCCURRING IN TOWN	NUMBER OF MARRIAGES TO RESIDENT GROOMS	NUMBER OF MARRIAGES TO RESIDENT BRIDES	NUMBER OF MARRIAGES OCCURRING IN TOWN	NUMBER OF DIVORCES TO RESIDENT HUSBANDS	NUMBER OF DIVORCES TO RESIDENT WIVES
GRAND ISLE COUNTY	5424	89	0	42	16	53	51	86	19	21
ALBURG	1466	29	0	26	8	13	13	16	5	8
GRAND ISLE	1563	25	0	6	3	16	17	21	8	7
ISLE LA MOTTE	476	8	0	2	0	4	4	16	1	1
NORTH HERO	526	5	0	3	3	4	2	13	1	2
SOUTH HERO	1393	22	0	5	2	16	15	20	4	3
LAMOILLE COUNTY	18914	260	273	158	155	169	162	279	90	92
BELVIDERE	248	3	0	1	1	2	1	2	1	1
CAMBRIDGE	2458	42	2	8	4	25	20	37	12	15
EDEN	724	15	0	6	0	9	10	8	1	1
ELMORE	524	4	0	4	1	2	3	7	3	2
HYDE PARK	2232	36	0	18	3	23	22	23	15	14
JOHNSON	2953	39	1	13	6	16	16	12	8	10
MORRISTOWN	4570	61	269	70	132	45	47	47	28	24
STOWE	3575	32	0	27	5	32	28	135	17	16
WATERVILLE	515	9	1	1	0	0	1	1	2	4
WOLCOTT	1115	19	0	10	3	15	14	7	3	5
ORANGE COUNTY	25130	367	398	224	172	179	177	248	117	128
BRADFORD	2663	27	1	26	36	12	18	24	7	8
BRAINTREE	1153	8	1	11	4	7	6	7	5	4
BROOKFIELD	1059	8	0	6	0	8	7	10	3	5
CHELSEA	1148	14	0	13	8	6	8	15	5	1
CORINTH	1029	14	1	13	3	15	12	17	8	6
FAIRLEE	903	16	0	15	0	12	10	19	6	6
NEWBURY	1810	29	1	18	3	15	12	24	7	10
ORANGE	822	15	0	5	2	6	7	8	4	2
RANDOLPH	4888	81	386	46	84	22	25	36	23	29
STRAFFORD	963	14	2	8	7	6	8	10	6	7
THETFORD	2449	47	1	18	8	16	13	26	11	13
TOPSHAM	828	10	0	4	1	7	6	8	1	1
TUNBRIDGE	1073	14	1	8	1	12	9	15	11	11
VERSHIRE	499	10	0	4	3	3	4	4	2	1
WASHINGTON	922	15	2	5	4	4	5	8	4	5
WEST FAIRLEE	466	10	0	4	2	4	5	5	2	4
WILLIAMSTOWN	2455	35	2	20	6	24	22	12	12	15

1988 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

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ORLEANS COUNTY	24349	327	293	268	259	193	209	291	89	94
ALBANY	815	15	0	14	8	10	10	9	1	2
BARTON	2925	35	0	53	32	29	30	44	11	10
BROWNINGTON	797	6	0	5	2	8	9	8	4	4
CHARLESTON	869	11	1	8	2	3	6	12	5	3
COVENTRY	771	14	0	3	1	4	9	8	2	4
CRAFTSBURY	883	10	0	4	1	4	5	21	3	3
DERBY	4511	54	1	48	18	24	24	31	14	15
GLOVER	886	9	1	14	10	4	5	5	2	3
GREENSBORO	725	15	0	9	12	7	4	9	1	2
HOLLAND	511	8	0	3	0	2	3	3	0	0
IRASBURG	958	14	0	3	0	7	8	9	3	4
JAY	349	6	0	2	2	2	3	4	0	1
LOWELL	608	10	0	5	2	5	6	4	1	0
MORGAN	513	10	0	2	1	6	6	5	0	1
NEWPORT CITY	4602	43	290	57	160	48	54	75	31	29
NEWPORT TOWN	1465	40	0	10	0	11	10	8	1	2
TROY	1447	23	0	18	7	14	7	16	5	8
WESTFIELD	428	3	0	5	0	4	6	7	4	2
WESTMORE	286	1	0	5	1	1	4	13	1	1
RUTLAND COUNTY	61775	838	812	591	600	499	525	646	249	261
BENSON	903	2	0	4	0	1	2	4	2	4
BRANDON	4379	65	0	36	11	29	32	46	21	20
CASTLETON	4102	52	0	36	6	35	28	32	10	15
CHITTENDEN	1055	14	0	2	1	5	6	24	3	3
CLARENDON	2777	33	0	16	4	19	21	11	12	14
DANBY	1125	29	0	8	0	13	16	14	5	3
FAIR HAVEN	2822	35	2	39	25	16	23	38	14	11
HUBBARDTON	603	3	0	2	2	4	4	9	1	1
IRA	398	6	0	3	2	3	2	4	1	0
MENDON	1227	7	0	1	0	8	13	27	1	2
MIDDLETOWN SPRINGS	641	18	1	5	2	6	4	11	4	2
MOUNT HOLLY	1040	11	0	5	2	11	11	8	7	10
MOUNT TABOR	194	3	0	4	3	2	2	1	0	0
PAWLET	1259	26	0	13	6	12	14	10	1	5
PITTSFIELD	455	3	0	2	0	5	6	8	3	1
PITTSFORD	2835	33	0	16	3	28	26	21	6	10
POULTNEY	3315	40	4	44	10	15	17	26	12	14
PROCTOR	1904	22	0	22	4	11	14	30	6	7
RUTLAND CITY	18378	259	801	246	499	193	194	234	108	102
RUTLAND TOWN	3673	39	0	19	8	32	37	15	6	8
SHERBURNE	991	26	0	4	1	7	6	30	5	5
SHREWSBURY	1075	21	2	4	1	6	6	6	3	2
SUDBURY	431	10	2	3	1	3	2	3	1	1
TINMOUTH	432	2	0	0	0	4	3	4	1	1
WALLINGFORD	2078	24	0	16	4	8	12	10	8	9
WELLS	986	16	0	12	3	7	5	4	1	2
WEST HAVEN	286	2	0	1	1	1	1	3	2	1
WEST RUTLAND	2411	37	0	28	1	15	18	13	5	8

1988 VERMONT VITAL STATISTICS
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WASHINGTON COUNTY	55246	782	734	496	497	435	463	570	238	250
BARRE TOWN	7379	103	0	50	24	65	67	42	11	14
BARRE CITY	9815	148	1	137	104	91	88	117	70	75
BERLIN	2641	20	727	35	244	11	17	25	5	6
CABOT	956	12	0	8	2	13	10	14	4	0
CALAIS	1402	23	0	7	2	11	13	21	10	9
DUXBURY	947	16	0	5	1	2	3	9	4	3
EAST MONTPELIER	2309	24	1	13	5	13	18	16	3	2
FAYSTON	875	13	0	2	0	9	10	9	0	0
MARSHFIELD	1366	30	1	6	2	9	12	9	3	1
MIDDLESEX	1423	25	1	8	6	9	9	12	3	4
MONTPELIER	8414	104	1	97	49	71	71	94	47	56
MORETOWN	1452	30	0	8	2	4	5	8	6	6
NORTHFIELD	5879	62	0	54	35	26	26	37	18	21
PLAINFIELD	1286	22	1	13	3	8	14	12	9	10
ROXBURY	508	11	0	5	3	2	1	1	2	3
WAITSFIELD	1385	24	0	10	2	18	17	34	10	7
WARREN	1072	21	0	2	0	13	16	31	2	3
WATERBURY	4598	70	0	32	12	43	49	61	19	22
WOODBURY	692	11	0	1	1	9	8	8	9	4
WORCESTER	847	13	1	3	0	8	9	10	3	4
WINDHAM COUNTY	40805	613	599	355	357	339	343	542	160	173
ATHENS	287	4	0	5	0	3	3	3	3	2
BRATTLEBORO	12647	178	505	128	178	102	111	155	52	64
BROOKLINE	317	5	0	6	1	4	3	6	1	3
DOVER	903	16	0	5	3	10	10	33	3	3
DUMMERSTON	1777	24	0	9	5	18	18	22	4	0
GRAFTON	745	5	0	7	1	0	2	10	1	2
GUILFORD	1612	20	1	11	3	9	10	21	8	5
HALIFAX	530	6	0	4	3	8	9	9	3	4
JAMAICA	737	5	0	5	0	10	10	9	1	2
LONDONDERRY	1573	33	1	15	7	14	16	16	4	5
MARLBORO	846	6	0	1	0	5	5	13	2	2
NEWFANE	1379	28	0	13	1	11	9	21	9	4
PUTNEY	2239	44	1	8	2	21	15	35	11	15
ROCKINGHAM	5669	104	54	66	73	52	59	75	27	33
STRATTON	121	5	0	1	0	0	0	12	0	0
TOWNSHEND	943	11	27	8	33	7	4	11	2	1
VERNON	1558	17	1	17	20	12	11	15	6	4
WARDSBORO	584	7	2	7	2	4	4	2	4	2
WESTMINSTER	2911	32	2	11	6	20	18	25	11	12
WHITINGHAM	1091	20	1	9	4	9	9	9	2	3
WILMINGTON	2052	36	3	16	12	18	16	36	6	7
WINDHAM	284	7	1	3	2	2	1	4	0	0
SOMERSET *	2	0	0	0	1	0	0	0	0	0

1988 VERMONT VITAL STATISTICS
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WINDSOR COUNTY	55097	726	305	499	527	431	443	686	252	280
ANDOVER	371	4	0	6	0	5	5	5	1	0
BALTIMORE	190	1	0	2	0	0	0	0	0	1
BARNARD	910	15	0	8	2	6	8	17	1	2
BETHEL	1929	35	0	13	5	17	22	28	17	11
BRIDGEWATER	911	16	0	7	1	14	14	17	3	7
CAVENDISH	1464	19	0	15	4	6	9	17	4	4
CHESTER	3031	36	0	26	8	19	18	33	13	15
HARTFORD	9254	149	0	85	217	80	80	114	52	60
HARTLAND	2759	40	1	18	3	18	18	23	9	7
LUDLOW	2359	35	2	28	14	20	18	24	15	11
NORWICH	2701	38	0	14	2	19	20	31	10	14
PLYMOUTH	425	5	0	3	1	3	2	22	0	2
POMFRET	916	3	0	8	5	7	9	10	3	3
READING	659	5	0	4	0	1	3	2	4	4
ROCHESTER	1104	15	0	11	2	15	15	22	1	2
ROYALTON	2369	31	3	16	7	21	20	16	6	13
SHARON	1041	26	3	3	0	11	13	15	5	7
SPRINGFIELD	10197	114	290	115	163	72	80	87	53	63
STOCKBRIDGE	555	5	0	5	0	6	5	3	2	3
WEATHERSFIELD	2662	25	2	12	2	22	18	41	10	16
WESTON	643	8	0	8	6	7	4	18	0	0
WEST WINDSOR	963	6	1	6	0	3	2	10	3	3
WINDSOR	4158	45	2	47	69	36	40	46	25	21
WOODSTOCK	3526	50	1	39	16	23	20	85	15	11

* BECAUSE OF LIMITED DATA, THE UNORGANIZED TOWNSHIPS ARE NOT INCLUDED IN THE COUNTY AND STATE TOTALS FOR 1988.

Births

1988 BIRTHS

NAMES MOST FREQUENTLY GIVEN *

FEMALES		MALES	
1. Ashley	119	1. Michael	132
2. Sarah	115	2. Christopher	127
3. Amanda	105	3. Matthew	123
4. Jessica	99	4. Joshua	109
5. Caitlin	86	5. Ryan	97
6. Elizabeth	81	6. Andrew	96
7. Megan	75	7. Nicholas	82
8. Katherine	69	8. Kyle	81
9. Nicole	65	9. Justin	80
10. Emily	61	10. Daniel	74

* Spellings may vary.

BIRTHS

In 1988, 8,116 babies were born to Vermont residents, a decrease of 8 from last year. The birth rate, or number of births per 1,000 Vermont residents, was 14.6, a slight decline from the 1987 rate of 14.8. The fertility rate of 58.3 per 1,000 women aged 15-44 has also declined from last year's rate of 59.8. The 1987 U.S. white birth and fertility rates, the most recent available rates, were 14.5 and 62.0 respectively.

Age-specific fertility rates decreased for women 20-34 while increasing for teens and women 35 and over. The teen fertility rate increased in 1988 to 33.8 from the 1987 rate of 29.5, but was similar to the 1986 rate (33.6) and has declined since the beginning of the decade (38.5 in 1980). The fertility rate for women 35-44 has been steadily increasing this decade from 12.5 in 1980 to 18.1 in 1988. The 1988 decrease in fertility rate for women in their twenties was consistent with the general trend this decade. The decrease in the fertility rate of women 30-34 from the 1987 rate (74.4 vs 76.8) is a reversal of the general trend of increasing fertility rates for this age group (60.2 in 1980).

Most births (58.6%) occurred to women in their twenties. An increasing proportion of births were to women who were 30 and older (32.5%). Teenaged mothers accounted for 8.9% of the total births in 1988.

Forty-one percent of all births were first births. An increasing percent of births to mothers 30 and older were first births. In 1988, 27.4 percent of births to mothers 30 and older were first births compared to 26.4 percent in 1987 and 22.9 percent in 1980.

The educational levels of Vermont mothers has increased since 1980. Only 12.3 percent of mothers had less than a high school education in 1988 compared to 15.7 percent in 1980. This year 24.9 percent of mothers were college graduates compared to 19.4 percent in 1980. The trend toward increased births to unmarried mothers also continued. Nineteen percent of total births were to unmarried women compared to 14 percent in 1980. Younger women were more likely to be unmarried. Among teenaged mothers, 65.1 percent were unmarried.

Prematurity is a major cause of infant mortality, as well as growth and developmental problems. Low birth weight, one indicator of prematurity, is defined as a newborn weighing less than 2,500 grams (5 1/2 pounds). In 1988, 5.1 percent of Vermont births were low birth weight, compared with 5.3 percent in 1987 and 6.0 percent in 1980. Teenaged mothers had the largest proportion of low birth weight babies (7.1%), while

mothers 25-34 were least likely to have a low birth weight baby (4.5%).

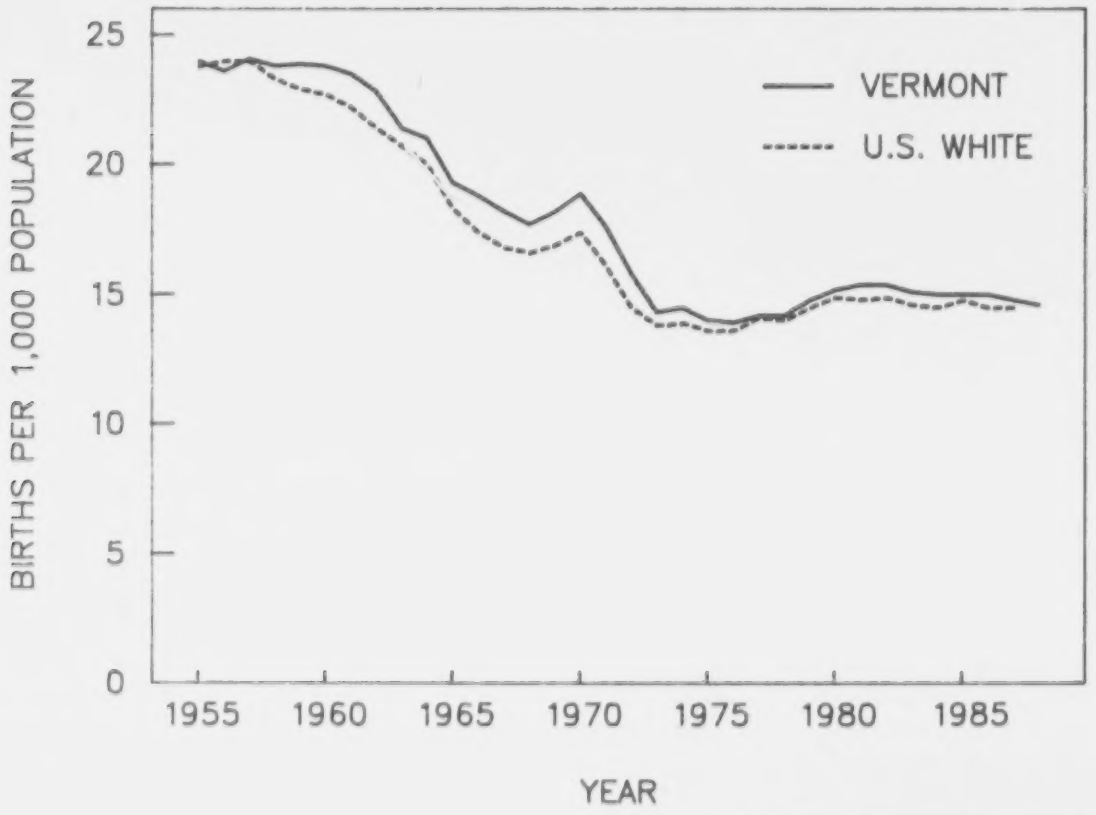
The month of pregnancy when prenatal care began is one indicator of the adequacy of a woman's prenatal care. In 1985 the method of collecting the data and calculating this item was changed based on a study conducted to determine the accuracy of these items. In 1988 it was learned that the National Center for Health Statistics (NCHS) uses a different method of calculation. In order that Vermont data be comparable to the U.S. data the Vermont Department of Health has adopted the NCHS methodology for calculating month prenatal care began. Revised tables for 1985-1987 are included in Appendix G. For comparison to previous years' bulletins the 1988 data was also calculated using the 1985 methodology and is included in Appendix H. Appendix B provides detailed information about both methodologies.

In 1988, 80.8 percent of Vermont mothers began care in the first trimester, an increase from the 78.7 percent observed in 1987. The percent of mothers beginning care in the first trimester in 1985 and 1986 was 79.9 and 78.8 respectively. In 1987, the most recent year available, 79 percent of U.S. white mothers began prenatal care in the first trimester. The proportion of Vermont mothers delaying care to the third trimester or receiving no prenatal care in 1988 was 3.6 percent, down from 4.5 percent in 1987. Delayed or no prenatal care was reported for 5 percent of U.S. white mothers in 1987.

Mother's age is closely associated with timing of prenatal care. Younger mothers are more likely to delay seeking prenatal care. Only 57.1 percent of teenaged mothers began care in the first trimester compared to 74.5 percent of mothers aged 20-24, 85.1 percent of mothers aged 25-29 and 87.4 percent of mothers 30 or older. The proportion of mothers who delayed care until the third trimester or received no care was 9.1 percent for teens, 5.2 percent for women 20-24, 2.5 percent for women 25-29, and 2.2 percent for women 30 and older.

Figure 4

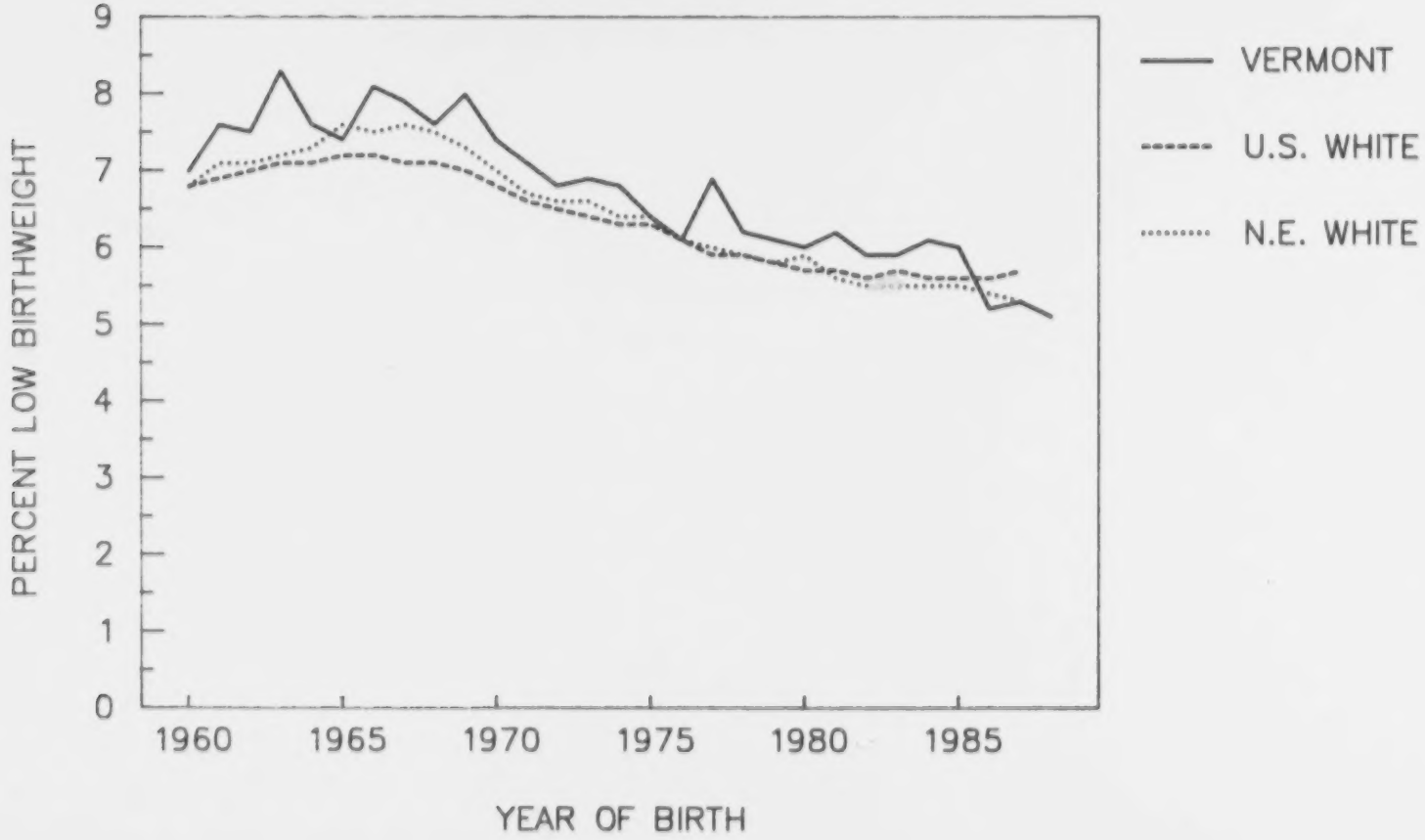
VERMONT AND U.S. WHITE BIRTH RATES, 1955–1988



U.S. RATE FOR 1988 NOT AVAILABLE

Figure 5

VERMONT, NEW ENGLAND WHITE AND U.S. WHITE PERCENT LOW BIRTHWEIGHT BIRTHS 1960–1988



N.E. AND U.S. DATA FOR 1988 NOT AVAILABLE

TABLE 4

GEOGRAPHIC DISTRIBUTION OF 1988 VERMONT BIRTHS

BIRTHS OCCURRING IN VERMONT

STATE OF RESIDENCE	NUMBER
ALASKA	2
CONNECTICUT	4
FLORIDA	1
GEORGIA	1
HAWAII	1
IDAHO	1
MAINE	1
MASSACHUSETTS	29
NEW HAMPSHIRE	165
NEW JERSEY	1
NEW YORK	374
NORTH CAROLINA	1
TEXAS	1
VERMONT	7288
VIRGINIA	1
VIRGIN ISLANDS	3
CANADA	2
OTHER	1
TOTAL	7877

VERMONT RESIDENT BIRTHS

STATE OF BIRTH	NUMBER
CONNECTICUT	1
HAWAII	1
INDIANA	2
MAINE	1
MARYLAND	1
MASSACHUSETTS	105
MISSISSIPPI	1
NEW HAMPSHIRE	672
NEW YORK	35
OHIO	1
PENNSYLVANIA	4
RHODE ISLAND	1
TENNESSEE	1
TEXAS	1
VERMONT	7288
CANADA	1
TOTAL	8116

TABLE 5
1988 VERMONT RESIDENT BIRTHS

SEX BY MONTH OF BIRTH
NUMBER OF EVENTS AND ROW PERCENTS

	SEX					
	NUMBER OF EVENTS			ROW PERCENTS		
MONTH	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
JANUARY	324	284	608	53.3	46.7	100.00
FEBRUARY	342	279	621	55.1	44.9	100.00
MARCH	336	343	679	49.5	50.5	100.00
APRIL	346	321	667	51.9	48.1	100.00
MAY	373	357	730	51.1	48.9	100.00
JUNE	384	342	726	52.9	47.1	100.00
JULY	375	343	718	52.2	47.8	100.00
AUGUST	362	344	706	51.3	48.7	100.00
SEPTEMBER	353	364	717	49.2	50.8	100.00
OCTOBER	350	339	689	50.8	49.2	100.00
NOVEMBER	305	323	628	48.6	51.4	100.00
DECEMBER	303	324	627	48.3	51.7	100.00
TOTAL	4153	3963	8116	51.2	48.8	100.00

TABLE 6
1988 VERMONT RESIDENT BIRTHS

SELECTED CHARACTERISTICS BY AGE OF MOTHER

AGE OF MOTHER	TOTAL	SEX		MOTHER MARRIED		PLURALITY			NUMBER OF PREVIOUS LIVE BIRTHS				
		MALE	FEMALE	YES	NO	SINGLE	TWIN	TRIPLET	NONE	ONE	TWO	THREE+	UNKNOWN
<15 YEARS	1	1	0	0	1	1	0	0	1	0	0	0	0
15 YEARS	19	9	10	2	17	19	0	0	19	0	0	0	0
16 YEARS	61	20	41	11	50	61	0	0	58	1	0	0	2
17 YEARS	139	68	71	29	110	134	5	0	122	12	0	0	5
18 YEARS	199	102	97	81	118	195	4	0	149	36	4	0	10
19 YEARS	298	149	149	127	171	298	0	0	210	67	8	1	12
(15-19 YRS)	(716)	(348)	(368)	(250)	(466)	(707)	(9)	(0)	(558)	(116)	(12)	(1)	(29)
20 YEARS	336	172	164	195	141	334	2	0	214	85	25	2	10
21 YEARS	367	201	166	243	124	365	2	0	184	131	39	4	9
22 YEARS	400	215	185	297	103	395	5	0	198	144	38	11	9
23 YEARS	487	249	238	383	104	478	9	0	204	196	55	20	12
24 YEARS	502	271	231	412	90	490	12	0	203	199	69	19	12
(20-24 YRS)	(2092)	(1108)	(984)	(1530)	(562)	(2062)	(30)	(0)	(1003)	(755)	(226)	(56)	(52)
25-29 YRS	2648	1371	1277	2340	308	2588	57	3	990	1007	444	162	45
30-34 YRS	1862	932	930	1747	115	1830	32	0	520	730	372	204	36
35-39 YRS	681	328	353	635	46	659	22	0	170	223	156	113	19
40-44 YRS	89	49	40	79	10	89	0	0	16	30	21	21	1
45+ YEARS	1	1	0	1	0	1	0	0	0	1	0	0	0
UNKNOWN	26	15	11	21	5	26	0	0	12	7	4	3	0
TOTAL	8116	4153	3963	6603	1513	7963	150	3	3270	2869	1235	560	182

TABLE 7
1988 VERMONT RESIDENT BIRTHS

SELECTED CHARACTERISTICS BY COUNTY OF RESIDENCE

COUNTY OF MOTHER	TOTAL	SEX		MOTHER MARRIED		PLURALITY			NUMBER OF PREVIOUS LIVE BIRTHS				
		MALE	FEMALE	YES	NO	SINGLE	TWIN	TRIPLET	NONE	ONE	TWO	THREE+	UNKNOWN
ADDISON	462	231	231	391	71	454	8	0	185	163	75	30	9
BENNINGTON	539	277	262	390	149	531	8	0	218	183	94	42	2
CALEDONIA	397	186	211	303	94	389	8	0	144	129	82	42	0
CHITTENDEN	1993	1025	968	1686	307	1960	33	0	859	689	264	108	73
ESSEX	89	46	43	73	16	86	3	0	26	36	13	11	3
FRANKLIN	634	338	296	501	133	626	8	0	257	207	104	50	16
GRAND ISLE	89	49	40	77	12	89	0	0	31	32	17	7	2
LAMOILLE	260	142	118	220	40	251	9	0	100	98	42	16	4
ORANGE	367	177	190	313	54	363	4	0	146	130	44	31	16
ORLEANS	327	173	154	238	89	320	7	0	124	108	59	32	4
RUTLAND	838	442	396	704	134	820	18	0	318	312	131	56	21
WASHINGTON	782	393	389	645	137	765	17	0	303	298	121	48	12
WINDHAM	613	306	307	464	149	600	10	3	258	219	93	39	4
WINDSOR	726	368	358	598	128	709	17	0	301	265	96	48	16
TOTAL	8116	4153	3963	6603	1513	7963	150	3	3270	2869	1235	560	182

TABLE 8
1988 VERMONT RESIDENT BIRTHS

RACE OF CHILD BY AGE OF MOTHER

AGE OF MOTHER	RACE OF CHILD WHITE	BLACK	AMERICAN INDIAN	ASIAN OR PACIFIC ISLANDER	OTHER NON-WHITE	UNKNOWN	TOTAL
<15 YEARS	1	0	0	0	0	0	1
15 YEARS	19	0	0	0	0	0	19
16 YEARS	61	0	0	0	0	0	61
17 YEARS	136	0	0	3	0	0	139
18 YEARS	197	0	0	1	0	1	199
19 YEARS	294	2	1	1	0	0	298
(15-19 YRS)	(707)	(2)	(1)	(5)	(0)	(1)	(716)
20 YEARS	333	1	1	1	0	0	336
21 YEARS	362	3	1	1	0	0	367
22 YEARS	395	2	0	2	0	1	400
23 YEARS	482	2	0	2	0	1	487
24 YEARS	495	5	0	1	0	1	502
(20-24 YRS)	(2067)	(13)	(2)	(7)	(0)	(3)	(2092)
25-29 YRS	2610	13	2	21	0	2	2648
30-34 YRS	1833	2	7	18	0	2	1862
35-39 YRS	669	3	0	5	0	4	681
40-44 YRS	89	0	0	0	0	0	89
45+ YEARS	1	0	0	0	0	0	1
UNKNOWN	25	0	0	0	0	1	26
TOTAL	8002	33	12	56	0	13	8116

TABLE 9
1988 VERMONT RESIDENT BIRTHS

RACE OF CHILD BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	RACE OF CHILD WHITE	BLACK	AMERICAN INDIAN	ASIAN OR PACIFIC ISLANDER	OTHER NON-WHITE	UNKNOWN	TOTAL
ADDISON	459	2	0	1	0	0	462
BENNINGTON	527	2	3	5	0	2	539
CALEDONIA	397	0	0	0	0	0	397
CHITTENDEN	1965	9	0	19	0	0	1993
ESSEX	87	0	0	0	0	2	89
FRANKLIN	633	0	0	0	0	1	634
GRAND ISLE	89	0	0	0	0	0	89
LAMOILLE	257	2	1	0	0	0	260
ORANGE	362	1	0	3	0	1	367
ORLEANS	325	1	0	1	0	0	327
RUTLAND	828	3	2	5	0	0	838
WASHINGTON	768	5	1	8	0	0	782
WINDHAM	598	3	2	6	0	4	613
WINDSOR	707	5	3	8	0	3	726
TOTAL	8002	33	12	56	0	13	8116

TABLE 10
1988 VERMONT RESIDENT BIRTHS

AGE OF MOTHER BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

AGE OF MOTHER

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<15 YEARS	15-17 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 + YEARS	UNKNOWN	TOTAL
ADDISON	0	8	23	122	137	118	45	9	0	0	462
BENNINGTON	0	26	49	147	156	109	43	5	0	4	539
CALEDONIA	0	12	34	119	118	77	29	3	0	5	397
CHITTENDEN	0	37	100	398	703	548	187	20	0	0	1993
ESSEX	0	7	4	32	24	16	5	1	0	0	89
FRANKLIN	0	23	52	197	221	107	30	4	0	0	634
GRAND ISLE	0	1	4	20	33	24	5	2	0	0	89
LAMOILLE	0	7	21	70	80	55	24	3	0	0	260
ORANGE	0	12	17	97	123	78	30	7	0	3	367
ORLEANS	0	13	32	113	88	49	29	3	0	0	327
RUTLAND	0	14	40	222	297	181	69	13	0	2	838
WASHINGTON	1	22	39	194	250	194	73	7	0	2	782
WINDHAM	0	20	56	168	172	137	52	6	1	1	613
WINDSOR	0	17	26	193	246	169	60	6	0	9	726
TOTAL	1	219	497	2092	2648	1862	681	89	1	26	8116

ROW PERCENTS

COUNTY OF RESIDENCE	<15 YEARS	15-17 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 + YEARS	UNKNOWN	TOTAL
ADDISON	0.0	1.7	5.0	26.4	29.7	25.5	9.7	1.9	0.0	0.0	100.0
BENNINGTON	0.0	4.8	9.1	27.3	28.9	20.2	8.0	0.9	0.0	0.7	100.0
CALEDONIA	0.0	3.0	8.6	30.0	29.7	19.4	7.3	0.8	0.0	1.3	100.0
CHITTENDEN	0.0	1.9	5.0	20.0	35.3	27.5	9.4	1.0	0.0	0.0	100.0
ESSEX	0.0	7.9	4.5	36.0	27.0	18.0	5.6	1.1	0.0	0.0	100.0
FRANKLIN	0.0	3.6	8.2	31.1	34.9	16.9	4.7	0.6	0.0	0.0	100.0
GRAND ISLE	0.0	1.1	4.5	22.5	37.1	27.0	5.6	2.2	0.0	0.0	100.0
LAMOILLE	0.0	2.7	8.1	26.9	30.8	21.2	9.2	1.2	0.0	0.0	100.0
ORANGE	0.0	3.3	4.6	26.4	33.5	21.3	8.2	1.9	0.0	0.8	100.0
ORLEANS	0.0	2.6	5.9	27.1	32.0	22.2	8.6	1.1	0.0	0.4	100.0
RUTLAND	0.0	1.7	4.8	26.5	35.4	21.6	8.2	1.6	0.0	0.2	100.0
WASHINGTON	0.1	2.8	5.0	24.8	32.0	24.8	9.3	0.9	0.0	0.3	100.0
WINDHAM	0.0	3.3	9.1	27.4	28.1	22.3	8.5	1.0	0.2	0.2	100.0
WINDSOR	0.0	2.3	3.6	26.6	33.9	23.3	8.3	0.8	0.0	1.2	100.0
TOTAL	0.0	2.7	6.1	25.8	32.6	22.9	8.4	1.1	0.0	0.3	100.0

TABLE 11
1988 VERMONT RESIDENT BIRTHS

AGE OF MOTHER BY COUNTY OF RESIDENCE
AGE-SPECIFIC FERTILITY RATES AND CRUDE BIRTH RATES

COUNTY	FERTILITY RATES AGE OF MOTHER 15-19	20-24	25-29	30-34	35-44	15-44 TOTAL	CRUDE BIRTH RATE
ADDISON	21.0	75.2	104.0	90.5	21.7	56.3	14.2
BENNINGTON	59.4	98.3	104.9	74.9	18.6	64.6	15.0
CHITTENDEN	22.4	51.3	102.5	86.4	20.8	53.8	15.4
FRANKLIN & GRAND ISLE	49.2	132.6	128.3	69.8	12.8	70.1	16.5
LAMOILLE	39.7	91.1	93.0	61.1	17.8	54.7	13.7
NORTHEAST KINGDOM*	48.5	134.2	96.3	56.6	16.5	61.1	13.8
ORANGE	37.1	122.3	105.3	69.1	19.3	62.9	14.6
RUTLAND	22.7	88.5	105.7	65.9	17.5	55.3	13.6
WASHINGTON	32.3	88.6	99.3	78.3	18.3	58.0	14.2
WINDHAM	61.3	112.6	89.7	72.5	17.0	61.4	15.0
WINDSOR	26.9	105.1	100.0	70.3	15.3	56.9	13.2
STATE TOTAL	33.8	86.9	102.8	74.4	18.1	58.3	14.6

*THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 12
1988 VERMONT RESIDENT BIRTHS

MONTH OF BIRTH BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

MONTH OF BIRTH

NUMBER OF EVENTS

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	40	29	33	34	46	39	48	52	38	43	34	26	462
BENNINGTON	47	36	47	43	42	45	39	46	64	47	38	45	539
CALEDONIA	28	31	46	30	39	28	39	41	33	22	32	28	397
CHITTENDEN	146	155	160	176	191	169	182	154	181	166	169	144	1993
ESSEX	2	3	10	9	5	7	8	10	11	6	10	8	89
FRANKLIN	42	47	49	52	39	58	51	62	59	66	47	62	634
GRAND ISLE	9	3	8	10	6	11	9	8	5	4	10	6	89
LAMOILLE	22	22	21	22	19	28	25	24	18	18	18	23	260
ORANGE	27	27	23	39	43	39	33	30	22	32	31	21	367
ORLEANS	28	25	26	32	30	24	29	25	31	29	23	25	327
RUTLAND	49	82	86	58	79	85	71	73	66	73	47	69	838
WASHINGTON	58	57	68	71	57	83	60	75	58	71	65	59	782
WINDHAM	47	56	53	48	48	49	61	47	53	51	52	48	613
WINDSOR	63	48	49	43	86	61	63	59	78	61	52	63	726
TOTAL	608	621	679	667	730	726	718	706	717	689	628	627	8116

ROW PERCENTS

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	8.7	6.3	7.1	7.4	10.0	8.4	10.4	11.3	8.2	9.3	7.4	5.6	100.0
BENNINGTON	8.7	6.7	8.7	8.0	7.8	8.3	7.2	8.5	11.9	8.7	7.1	8.3	100.0
CALEDONIA	7.1	7.8	11.6	7.6	9.8	7.1	9.8	10.3	8.3	5.5	8.1	7.1	100.0
CHITTENDEN	7.3	7.8	8.0	8.8	9.6	8.5	9.1	7.7	9.1	8.3	8.5	7.2	100.0
ESSEX	2.2	3.4	11.2	10.1	5.6	7.9	9.0	11.2	12.4	6.7	11.2	9.0	100.0
FRANKLIN	6.6	7.4	7.7	8.2	6.2	9.1	8.0	9.8	9.3	10.4	7.4	9.8	100.0
GRAND ISLE	10.1	3.4	9.0	11.2	6.7	12.4	10.1	9.0	5.6	4.5	11.2	6.7	100.0
LAMOILLE	8.5	8.5	8.1	8.5	7.3	10.8	9.6	9.2	6.9	6.9	6.9	8.8	100.0
ORANGE	7.4	7.4	6.3	10.6	11.7	10.6	9.0	8.2	6.0	8.7	8.4	5.7	100.0
ORLEANS	8.6	7.6	8.0	9.8	9.2	7.3	8.9	7.6	9.5	8.9	7.0	7.6	100.0
RUTLAND	5.8	9.8	10.3	6.9	9.4	10.1	8.5	8.7	7.9	8.7	5.6	8.2	100.0
WASHINGTON	7.4	7.3	8.7	9.1	7.3	10.6	7.7	9.6	7.4	9.1	8.3	7.5	100.0
WINDHAM	7.7	9.1	8.6	7.8	7.8	8.0	10.0	7.7	8.6	8.3	8.5	7.8	100.0
WINDSOR	8.7	6.6	6.7	5.9	11.8	8.4	8.7	8.1	10.7	8.4	7.2	8.7	100.0
TOTAL	7.5	7.7	8.4	8.2	9.0	8.9	8.8	8.7	8.8	8.5	7.7	7.7	100.0

TABLE 13
1988 VERMONT RESIDENT BIRTHS

EDUCATION OF MOTHER BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

YEARS OF EDUCATION

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	2	9	16	12	197	29	51	6	139	1	462
BENNINGTON	8	22	38	39	205	41	51	15	117	3	539
CALEDONIA	10	10	20	21	198	31	40	10	56	1	397
CHITTENDEN	30	38	53	58	663	144	253	69	675	10	1993
ESSEX	4	5	4	7	44	7	8	2	5	3	89
FRANKLIN	16	23	23	22	358	42	57	12	75	6	634
GRAND ISLE	4	3	2	6	30	10	9	9	16	0	89
LAMOILLE	5	9	15	12	98	18	27	8	67	1	260
ORANGE	4	10	7	19	164	33	27	15	85	3	367
ORLEANS	8	13	21	14	160	35	16	10	49	1	327
RUTLAND	17	20	29	29	352	53	93	34	207	4	838
WASHINGTON	17	12	29	24	330	58	83	23	203	3	782
WINDHAM	7	18	32	40	263	41	54	16	135	7	613
WINDSOR	11	12	31	24	332	47	59	25	178	7	726
TOTAL	143	204	320	327	3394	589	828	254	2007	50	8116

ROW PERCENTS

COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	0.4	1.9	3.5	2.6	42.6	6.3	11.0	1.3	30.1	0.2	100.0
BENNINGTON	1.5	4.1	7.1	7.2	38.0	7.6	9.5	2.8	21.7	0.6	100.0
CALEDONIA	2.5	2.5	5.0	5.3	49.9	7.8	10.1	2.5	14.1	0.3	100.0
CHITTENDEN	1.5	1.9	2.7	2.9	33.3	7.2	12.7	3.5	33.9	0.5	100.0
ESSEX	4.5	5.6	4.5	7.9	49.4	7.9	9.0	2.2	5.6	3.4	100.0
FRANKLIN	2.5	3.6	3.6	3.5	56.5	6.6	9.0	1.9	11.8	0.9	100.0
GRAND ISLE	4.5	3.4	2.2	6.7	33.7	11.2	10.1	10.1	18.0	0.0	100.0
LAMOILLE	1.9	3.5	5.8	4.6	37.7	6.9	10.4	3.1	25.8	0.4	100.0
ORANGE	1.1	2.7	1.9	5.2	44.7	9.0	7.4	4.1	23.2	0.8	100.0
ORLEANS	2.4	4.0	6.4	4.3	48.9	10.7	4.9	3.1	15.0	0.3	100.0
RUTLAND	2.0	2.4	3.5	3.5	42.0	6.3	11.1	4.1	24.7	0.5	100.0
WASHINGTON	2.2	1.5	3.7	3.1	42.2	7.4	10.6	2.9	26.0	0.4	100.0
WINDHAM	1.1	2.9	5.2	6.5	42.9	6.7	8.8	2.6	22.0	1.1	100.0
WINDSOR	1.5	1.7	4.3	3.3	45.7	6.5	8.1	3.4	24.5	1.0	100.0
TOTAL	1.8	2.5	3.9	4.0	41.8	7.3	10.2	3.1	24.7	0.6	100.0

TABLE 14
1988 VERMONT RESIDENT BIRTHS

NUMBER OF PRENATAL VISITS BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

PRENATAL VISITS*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	NONE	1	2	3	4	5	6-8	9-11	12	13-15	16-19	20+	UNKNOWN	TOTAL
ADDISON	1	4	2	6	6	7	100	199	52	57	10	0	18	462
BENNINGTON	4	2	2	9	9	8	111	218	67	91	13	5	0	539
CALEDONIA	0	1	3	0	[illegible]	3	35	137	56	134	17	6	2	397
CHITTENDEN	9	10	9	10	25	61	618	541	144	294	53	13	206	1993
ESSEX	0	0	0	0	3	2	14	26	12	20	3	0	9	89
FRANKLIN	2	6	5	5	9	16	128	207	84	103	20	1	48	634
GRAND ISLE	1	1	2	2	2	2	36	23	2	12	0	0	6	89
LAMOILLE	3	0	0	1	2	4	38	103	25	56	14	2	12	260
ORANGE	2	1	2	1	3	3	25	94	38	129	56	8	5	367
ORLEANS	0	0	2	4	7	8	101	139	23	30	6	0	7	327
RUTLAND	4	5	9	4	13	19	165	402	102	82	16	1	16	838
WASHINGTON	2	2	1	6	3	9	84	326	87	178	52	18	14	782
WINDHAM	4	4	5	3	8	13	119	236	70	103	25	13	10	613
WINDSOR	1	1	1	2	1	9	52	154	99	220	142	36	8	726
TOTAL	33	37	43	53	94	164	1626	2805	861	1509	427	103	361	8116

ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	NONE	1	2	3	4	5	6-8	9-11	12	13-15	16-19	20+
ADDISON	0.2	0.9	0.5	1.4	1.4	1.6	22.5	44.8	11.7	12.8	2.3	0.0
BENNINGTON	0.7	0.4	0.4	1.7	1.7	1.5	20.6	40.4	12.4	16.9	2.4	0.9
CALEDONIA	0.0	0.3	0.8	0.0	0.8	0.8	8.9	34.7	14.2	33.9	4.3	1.5
CHITTENDEN	0.5	0.6	0.5	0.6	1.4	3.4	34.6	30.3	8.1	16.5	3.0	0.7
ESSEX	0.0	0.0	0.0	0.0	3.8	2.5	17.5	32.5	15.0	25.0	3.8	0.0
FRANKLIN	0.3	1.0	0.9	0.9	1.5	2.7	21.8	35.3	14.3	17.6	3.4	0.2
GRAND ISLE	1.2	1.2	2.4	2.4	2.4	2.4	43.4	27.7	2.4	14.5	0.0	0.0
LAMOILLE	1.2	0.0	0.0	0.4	0.8	1.6	15.3	41.5	10.1	22.6	5.6	0.8
ORANGE	0.6	0.3	0.6	0.3	0.8	0.8	6.9	26.0	10.5	35.6	15.5	2.2
ORLEANS	0.0	0.0	0.6	1.3	2.2	2.5	31.6	43.4	7.2	9.4	1.9	0.0
RUTLAND	0.5	0.6	1.1	0.5	1.6	2.3	20.1	48.9	12.4	10.0	1.9	0.1
WASHINGTON	0.3	0.3	0.1	0.8	0.4	1.2	10.9	42.4	11.3	23.2	6.8	2.3
WINDHAM	0.7	0.7	0.8	0.5	1.3	2.2	19.7	39.1	11.6	17.1	4.1	2.2
WINDSOR	0.1	0.1	0.1	0.3	0.1	1.3	7.2	21.4	13.8	30.6	19.8	5.0
TOTAL	0.4	0.5	0.6	0.7	1.2	2.1	21.0	36.2	11.1	19.5	5.5	1.3

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 15
1988 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	36	179	125	44	18	10	10	5	2	1	32	462
BENNINGTON	31	229	153	55	26	14	11	7	3	4	6	539
CALEDONIA	40	178	94	34	24	7	6	4	1	0	9	397
CHITTENDEN	187	990	412	108	41	28	23	28	5	9	162	1993
ESSEX	7	30	25	9	4	3	1	1	0	0	9	89
FRANKLIN	44	231	149	61	38	18	13	7	5	2	66	634
GRAND ISLE	8	35	23	8	4	1	2	2	0	1	5	89
LAMOILLE	37	117	52	24	4	7	3	1	0	3	12	260
ORANGE	22	145	110	38	18	7	5	2	1	2	17	367
ORLEANS	13	131	101	40	9	10	4	4	0	0	15	327
RUTLAND	82	360	201	63	33	21	18	10	7	4	39	838
WASHINGTON	44	367	225	51	28	21	11	5	2	2	26	782
WINDHAM	20	206	197	82	34	17	11	11	3	4	28	613
WINDSOR	42	312	207	71	37	26	5	6	1	1	18	726
TOTAL	613	3510	2074	688	318	190	123	93	30	33	444	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	8.4	50.0	79.1	89.3	93.5	95.8	98.1	99.3	99.8	100.0
BENNINGTON	5.8	48.8	77.5	87.8	92.7	95.3	97.4	98.7	99.2	100.0
CALEDONIA	10.3	56.2	80.4	89.2	95.4	97.2	98.7	99.7	100.0	100.0
CHITTENDEN	10.2	64.3	86.8	92.7	94.9	96.5	97.7	99.2	99.5	100.0
ESSEX	8.8	46.3	77.5	88.8	93.8	97.5	98.8	100.0	100.0	100.0
FRANKLIN	7.7	48.4	74.6	85.4	92.1	95.2	97.5	98.8	99.6	100.0
GRAND ISLE	9.5	51.2	78.6	88.1	92.9	94.0	96.4	98.8	98.8	100.0
LAMOILLE	14.9	62.1	83.1	92.7	94.4	97.2	98.4	98.8	98.8	100.0
ORANGE	6.3	47.7	79.1	90.0	95.1	97.1	98.6	99.1	99.4	100.0
ORLEANS	4.2	46.2	78.5	91.3	94.2	97.4	98.7	100.0	100.0	100.0
RUTLAND	10.3	55.3	80.5	88.4	92.5	95.1	97.4	98.6	99.5	100.0
WASHINGTON	5.8	54.4	84.1	90.9	94.6	97.4	98.8	99.5	99.7	100.0
WINDHAM	3.4	38.6	72.3	86.3	92.1	95.0	96.9	98.8	99.3	100.0
WINDSOR	5.9	50.0	79.2	89.3	94.5	98.2	98.9	99.7	99.9	100.0
TOTAL	8.0	53.7	80.8	89.7	93.9	96.4	98.0	99.2	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 16
1988 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

BIRTH WEIGHT

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
ADDISON	0	1	1	3	15	69	180	132	45	12	3	0	1	462
BENNINGTON	0	1	2	4	14	60	220	168	56	13	0	0	1	539
CALEDONIA	0	0	1	5	13	79	137	119	31	9	2	1	0	397
CHITTENDEN	2	4	13	13	75	276	694	661	209	41	5	0	0	1993
ESSEX	0	0	1	2	4	13	23	33	9	1	1	0	2	89
FRANKLIN	0	2	1	5	14	112	214	207	67	11	0	0	1	634
GRAND ISLE	0	0	1	0	5	11	31	30	9	2	0	0	0	89
LAMOILLE	0	0	2	3	13	30	103	85	18	5	0	0	1	260
ORANGE	0	3	3	5	10	55	128	117	37	9	0	0	0	367
ORLEANS	1	1	0	7	17	50	120	103	25	3	0	0	0	327
RUTLAND	0	0	2	10	29	113	316	258	86	16	4	0	4	838
WASHINGTON	2	2	3	8	29	110	279	256	74	15	3	0	1	782
WINDHAM	0	5	0	6	23	96	198	192	76	11	2	0	4	613
WINDSOR	1	0	4	3	15	93	263	243	91	11	0	0	2	726
TOTAL	6	19	34	74	276	1167	2906	2604	833	159	20	1	17	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
ADDISON	0.0	0.2	0.4	1.1	4.3	19.3	58.4	87.0	96.7	99.3	100.0	100.0
BENNINGTON	0.0	0.2	0.6	1.3	3.9	15.1	55.9	87.2	97.6	100.0	100.0	100.0
CALEDONIA	0.0	0.0	0.3	1.5	4.8	24.7	59.2	89.2	97.0	99.2	99.7	100.0
CHITTENDEN	0.1	0.3	1.0	1.6	5.4	19.2	54.0	87.2	97.7	99.7	100.0	100.0
ESSEX	0.0	0.0	1.1	3.4	8.0	23.0	49.4	87.4	97.7	98.9	100.0	100.0
FRANKLIN	0.0	0.3	0.5	1.3	3.5	21.2	55.0	87.7	98.3	100.0	100.0	100.0
GRAND ISLE	0.0	0.0	1.1	1.1	6.7	19.1	53.9	87.6	97.8	100.0	100.0	100.0
LAMOILLE	0.0	0.0	0.8	1.9	6.9	18.5	58.3	91.1	98.1	100.0	100.0	100.0
ORANGE	0.0	0.8	1.6	3.0	5.7	20.7	55.6	87.5	97.5	100.0	100.0	100.0
ORLEANS	0.3	0.6	0.6	2.8	8.0	23.2	59.9	91.4	99.1	100.0	100.0	100.0
RUTLAND	0.0	0.0	0.2	1.4	4.9	18.5	56.4	87.3	97.6	99.5	100.0	100.0
WASHINGTON	0.3	0.5	0.9	1.9	5.6	19.7	55.4	88.2	97.7	99.6	100.0	100.0
WINDHAM	0.0	0.8	0.8	1.8	5.6	21.3	53.9	85.4	97.9	99.7	100.0	100.0
WINDSOR	0.1	0.1	0.7	1.1	3.2	16.0	52.3	85.9	98.5	100.0	100.0	100.0
TOTAL	0.1	0.3	0.7	1.6	5.1	19.5	55.3	87.5	97.8	99.7	100.0	100.0

TABLE 17
1988 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY WEEKS GESTATION
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

BIRTH WEIGHT

NUMBER OF EVENTS

WEEKS OF GESTATION*	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
UNDER 28 WEEKS	6	13	6	0	0	0	0	0	0	0	0	0	0	25
28-31 WEEKS	0	6	21	14	0	0	0	0	0	0	0	0	1	42
32-35 WEEKS	0	0	7	47	98	76	17	2	0	0	0	0	1	248
36 WEEKS	0	0	0	7	38	105	77	6	0	0	0	0	0	233
37-39 WEEKS	0	0	0	3	101	598	1267	868	129	11	1	0	2	2980
40 WEEKS	0	0	0	0	14	183	708	755	306	51	7	0	1	2025
41 WEEKS	0	0	0	0	6	97	398	517	209	49	7	1	3	1287
42+ WEEKS	0	0	0	0	9	93	405	414	160	37	5	0	0	1123
UNKNOWN	0	0	0	3	10	15	34	42	29	11	0	0	9	153
TOTAL	6	19	34	74	276	1167	2906	2604	833	159	20	1	17	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

WEEKS OF GESTATION*	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
UNDER 28 WEEKS	24.0	76.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28-31 WEEKS	0.0	14.6	65.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32-35 WEEKS	0.0	0.0	2.8	21.9	61.5	92.3	99.2	100.0	100.0	100.0	100.0	100.0
36 WEEKS	0.0	0.0	0.0	3.0	19.3	64.4	97.4	100.0	100.0	100.0	100.0	100.0
37-39 WEEKS	0.0	0.0	0.0	0.1	3.5	23.6	66.1	95.3	99.6	100.0	100.0	100.0
40 WEEKS	0.0	0.0	0.0	0.0	0.7	9.7	44.7	82.0	97.1	99.7	100.0	100.0
41 WEEKS	0.0	0.0	0.0	0.0	0.5	8.0	39.0	79.3	95.6	99.4	99.9	100.0
42+ WEEKS	0.0	0.0	0.0	0.0	0.8	9.1	45.1	82.0	96.3	99.6	100.0	100.0
UNKNOWN	0.0	0.0	0.0	2.1	9.0	19.4	43.1	72.2	92.4	100.0	100.0	100.0
TOTAL	0.1	0.3	0.7	1.6	5.1	19.5	55.3	87.5	97.8	99.7	100.0	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 18
1988 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

TOTAL

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	1	0	0	0	0	0	0	0	0	1
15-17 YRS	0	4	1	0	7	39	95	60	13	0	0	0	0	219
18-19 YRS	0	1	5	5	27	101	160	141	32	5	0	0	0	497
20-24 YRS	0	1	10	19	85	322	807	638	180	23	4	0	3	2092
25-29 YRS	2	6	6	23	83	400	952	832	277	56	7	0	4	2648
30-34 YRS	2	3	8	20	49	216	630	656	215	52	4	0	7	1862
35-39 YRS	2	3	3	4	24	80	205	228	107	18	4	1	2	681
40-44 YRS	0	1	0	1	0	8	28	40	6	4	1	0	0	89
45 + YRS	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNKNOWN	0	0	1	2	0	1	8	9	3	1	0	0	1	26
TOTAL	6	19	34	74	276	1167	2906	2604	833	159	20	1	17	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15-17 YRS	0.0	1.8	2.3	2.3	5.5	23.3	66.7	94.1	100.0	100.0	100.0	100.0
18-19 YRS	0.0	0.2	1.2	2.2	7.6	28.0	64.2	92.6	99.0	100.0	100.0	100.0
20-24 YRS	0.0	0.0	0.5	1.4	5.5	20.9	59.6	90.1	98.7	99.8	100.0	100.0
25-29 YRS	0.1	0.3	0.5	1.4	4.5	19.7	55.7	87.1	97.6	99.7	100.0	100.0
30-34 YRS	0.1	0.3	0.7	1.8	4.4	16.1	50.0	85.4	97.0	99.8	100.0	100.0
35-39 YRS	0.3	0.7	1.2	1.8	5.3	17.1	47.3	80.9	96.6	99.3	99.9	100.0
40-44 YRS	0.0	1.1	1.1	2.2	2.2	11.2	42.7	87.6	94.4	98.9	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	0.0	4.0	12.0	12.0	16.0	48.0	84.0	96.0	100.0	100.0	100.0
TOTAL	0.1	0.3	0.7	1.6	5.1	19.5	55.3	87.5	97.8	99.7	100.0	100.0

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MALES

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	1	0	0	0	0	0	0	0	0	1
15-17 YRS	0	3	0	0	2	15	36	33	8	0	0	0	0	97
18-19 YRS	0	0	0	2	12	50	79	88	17	3	0	0	0	251
20-24 YRS	0	0	6	10	39	158	391	372	114	15	2	0	1	1108
25-29 YRS	2	3	3	11	37	167	436	494	172	37	7	0	2	1371
30-34 YRS	1	2	4	7	16	92	279	352	132	40	3	0	4	932
35-39 YRS	2	3	3	1	11	29	92	108	60	15	3	1	0	328
40-44 YRS	0	0	0	0	0	3	16	21	4	4	1	0	0	49
45 + YRS	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNKNOWN	0	0	1	2	0	0	3	5	3	0	0	0	1	15
TOTAL	5	11	17	33	118	514	1333	1473	510	114	16	1	8	4153

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15-17 YRS	0.0	3.1	3.1	3.1	5.2	20.6	57.7	91.8	100.0	100.0	100.0	100.0
18-19 YRS	0.0	0.0	0.0	0.8	5.6	25.5	57.0	92.0	98.8	100.0	100.0	100.0
20-24 YRS	0.0	0.0	0.5	1.4	5.0	19.2	54.6	88.2	98.5	99.8	100.0	100.0
25-29 YRS	0.1	0.4	0.6	1.4	4.1	16.3	48.1	84.2	96.8	99.5	100.0	100.0
30-34 YRS	0.1	0.3	0.8	1.5	3.2	13.1	43.2	81.1	95.4	99.7	100.0	100.0
35-39 YRS	0.6	1.5	2.4	2.7	6.1	14.9	43.0	75.9	94.2	98.8	99.7	100.0
40-44 YRS	0.0	0.0	0.0	0.0	0.0	6.1	38.8	81.6	89.8	98.0	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	0.0	7.1	21.4	21.4	21.4	42.9	78.6	100.0	100.0	100.0	100.0
TOTAL	0.1	0.4	0.8	1.6	4.4	16.8	49.0	84.5	96.8	99.6	100.0	100.0

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS
FEMALES

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 YRS	0	1	1	0	5	24	59	27	5	0	0	0	0	122
18-19 YRS	0	1	5	3	15	51	101	53	15	2	0	0	0	246
20-24 YRS	0	1	4	9	46	164	416	266	66	8	2	0	2	984
25-29 YRS	0	3	3	12	46	233	516	338	105	19	0	0	2	1277
30-34 YRS	1	1	4	13	33	124	351	304	83	12	1	0	3	930
35-39 YRS	0	0	0	3	13	51	113	120	47	3	1	0	2	353
40-44 YRS	0	1	0	1	0	5	12	19	2	0	0	0	0	40
45 + YRS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNKNOWN	0	0	0	0	0	1	5	4	0	1	0	0	0	11
TOTAL	1	8	17	41	158	653	1573	1131	323	45	4	0	9	3963

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-17 YRS	0.0	0.8	1.6	1.6	5.7	25.4	73.8	95.9	100.0	100.0	100.0	100.0
18-19 YRS	0.0	0.4	2.4	3.7	9.8	30.5	71.5	93.1	99.2	100.0	100.0	100.0
20-24 YRS	0.0	0.1	0.5	1.4	6.1	22.8	65.2	92.3	99.0	99.8	100.0	100.0
25-29 YRS	0.0	0.2	0.5	1.4	5.0	23.3	63.8	90.3	98.5	100.0	100.0	100.0
30-34 YRS	0.1	0.2	0.6	2.0	5.6	19.0	56.9	89.6	98.6	99.9	100.0	100.0
35-39 YRS	0.0	0.0	0.0	0.9	4.6	19.1	51.3	85.5	98.9	99.7	100.0	100.0
40-44 YRS	0.0	2.5	2.5	5.0	5.0	17.5	47.5	95.0	100.0	100.0	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNKNOWN	0.0	0.0	0.0	0.0	0.0	9.1	54.5	90.9	90.9	100.0	100.0	100.0
TOTAL	0.0	0.2	0.7	1.7	5.7	22.2	62.0	90.6	98.8	99.9	100.0	100.0

TABLE 19
1988 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY EDUCATION OF MOTHER
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 9 YEARS	8	41	31	14	12	4	7	2	1	1	19	143
9 YEARS	11	52	47	29	14	10	6	9	6	0	20	204
10 YEARS	13	90	82	44	25	15	11	13	1	2	24	320
11 YEARS	11	83	92	50	28	18	12	9	2	0	22	327
H.S. GRADUATE	244	1353	917	335	152	90	52	44	9	17	181	3394
1 YEAR COLLEGE	49	271	152	36	17	16	7	1	3	2	35	589
2 YEARS COLLEGE	66	426	205	50	21	8	8	3	2	3	36	828
3 YEARS COLLEGE	23	127	58	17	8	5	3	2	1	1	8	254
COLLEGE GRAD. +	188	1053	484	103	39	20	16	9	3	6	86	2007
UNKNOWN	0	14	6	7	2	3	1	1	2	1	13	50
TOTAL	613	3510	2074	688	318	190	123	93	30	33	444	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 9 YEARS	6.5	39.5	64.5	78.2	87.9	91.1	96.8	98.4	99.2	100.0
9 YEARS	6.0	34.2	59.8	75.5	83.2	88.6	91.8	96.7	100.0	100.0
10 YEARS	4.4	34.8	62.5	77.4	85.8	90.9	94.6	99.0	99.3	100.0
11 YEARS	3.6	30.8	61.0	77.4	86.6	92.5	96.4	99.3	100.0	100.0
H.S. GRADUATE	7.6	49.7	78.2	88.7	93.4	96.2	97.8	99.2	99.5	100.0
1 YEAR COLLEGE	8.8	57.8	85.2	91.7	94.8	97.7	98.9	99.1	99.6	100.0
2 YEARS COLLEGE	8.3	62.1	88.0	94.3	97.0	98.0	99.0	99.4	99.6	100.0
3 YEARS COLLEGE	9.3	61.0	84.6	91.5	94.7	97.2	98.4	99.2	99.6	100.0
COLLEGE GRAD +	9.8	64.6	89.8	95.2	97.2	98.2	99.1	99.5	99.7	100.0
UNKNOWN	0.0	37.8	54.1	73.0	78.4	86.5	89.2	91.9	97.3	100.0
TOTAL	8.0	53.7	80.8	89.7	93.9	96.4	98.0	99.2	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 20
1988 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY NUMBER OF PRENATAL VISITS
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
NONE	0	0	0	0	0	0	0	0	0	33	0	33
1	2	2	4	0	2	2	3	8	4	0	10	37
2	1	6	2	3	3	2	10	9	5	0	2	43
3	1	1	5	3	6	7	11	6	8	0	5	53
4	2	4	7	12	11	15	12	17	6	0	8	94
5	1	21	49	20	19	13	16	12	1	0	12	164
6-8	122	606	421	185	103	80	39	24	4	0	42	1626
9-11	198	1260	784	286	122	55	25	11	1	0	63	2805
12	63	440	244	63	20	4	1	1	1	0	24	861
13-15	160	806	400	90	21	4	3	2	0	0	23	1509
16-19	38	244	104	19	9	2	0	0	0	0	11	427
20+	14	66	18	2	1	1	0	0	0	0	1	103
UNKNOWN	11	54	36	5	1	5	3	3	0	0	243	361
TOTAL	613	3510	2074	688	318	190	123	93	30	33	444	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
NONE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1	7.4	14.8	29.6	29.6	37.0	44.4	55.6	85.2	100.0	100.0
2	2.4	17.1	22.0	29.3	36.6	41.5	65.9	87.8	100.0	100.0
3	2.1	4.2	14.6	20.8	33.3	47.9	70.8	83.3	100.0	100.0
4	2.3	7.0	15.1	29.1	41.9	59.3	73.3	93.0	100.0	100.0
5	0.7	14.5	46.7	59.9	72.4	80.9	91.4	99.3	100.0	100.0
6-8	7.7	46.0	72.5	84.2	90.7	95.8	98.2	99.7	100.0	100.0
9-11	7.2	53.2	81.8	92.2	96.6	98.7	99.6	100.0	100.0	100.0
12	7.5	60.1	89.2	96.8	99.2	99.6	99.8	99.9	100.0	100.0
13-15	10.8	65.0	91.9	98.0	99.4	99.7	99.9	100.0	100.0	100.0
16-19	9.1	67.8	92.8	97.4	99.5	100.0	100.0	100.0	100.0	100.0
20+	13.7	78.4	96.1	98.0	99.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	9.3	55.1	85.6	89.8	90.7	94.9	97.5	100.0	100.0	100.0
TOTAL	8.0	53.7	80.8	89.7	93.9	96.4	98.0	99.2	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 21
1988 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY AGE OF MOTHER
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	1	0	0	0	0	1
15 YEARS	1	3	5	0	2	1	1	1	1	0	4	19
16 YEARS	1	12	16	7	10	7	2	2	0	0	4	61
17 YEARS	4	26	30	28	19	7	3	3	2	0	17	139
18 YEARS	7	55	48	30	16	10	4	5	2	2	20	199
19 YEARS	8	68	88	42	23	18	16	9	4	1	21	298
(15-19 YRS)	(21)	(164)	(187)	(107)	(70)	(43)	(26)	(20)	(9)	(3)	(66)	(716)
20 YEARS	17	92	88	47	25	20	13	5	4	2	23	336
21 YEARS	20	124	96	44	24	13	7	14	2	2	21	367
22 YEARS	20	144	117	46	16	10	9	5	0	4	29	400
23 YEARS	37	193	138	46	20	12	9	10	0	3	19	487
24 YEARS	45	212	126	51	20	7	6	7	0	0	28	502
(20-24 YRS)	(139)	(765)	(565)	(234)	(105)	(62)	(44)	(41)	(6)	(11)	(120)	(2092)
25-29 YRS	206	1296	637	187	77	48	31	18	6	7	135	2648
30-34 YRS	169	912	483	103	49	26	10	10	7	8	85	1862
35-39 YRS	70	316	172	49	15	7	10	3	2	3	34	681
40-44 YRS	6	47	18	7	2	2	1	1	0	1	4	89
45+ YEARS	0	0	0	0	0	1	0	0	0	0	0	1
UNKNOWN	2	10	12	1	0	1	0	0	0	0	0	26
TOTAL	613	3510	2074	688	318	190	123	93	30	33	444	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0
15 YEARS	6.7	26.7	60.0	60.0	73.3	80.0	86.7	93.3	100.0	100.0
16 YEARS	1.8	22.8	50.9	63.2	80.7	93.0	96.5	100.0	100.0	100.0
17 YEARS	3.3	24.6	49.2	72.1	87.7	93.4	95.9	98.4	100.0	100.0
18 YEARS	3.9	34.6	61.5	78.2	87.2	92.7	95.0	97.8	98.9	100.0
19 YEARS	2.9	27.4	59.2	74.4	82.7	89.2	94.9	98.2	99.6	100.0
(15-19 YRS)	(3.2)	(28.5)	(57.2)	(73.7)	(84.5)	(91.1)	(95.1)	(98.2)	(99.5)	(100.0)
20 YEARS	5.4	34.8	62.9	78.0	85.9	92.3	96.5	98.1	99.4	100.0
21 YEARS	5.8	41.6	69.4	82.1	89.0	92.8	94.8	98.8	99.4	100.0
22 YEARS	5.4	44.2	75.7	88.1	92.5	95.1	97.6	98.9	98.9	100.0
23 YEARS	7.9	49.1	78.6	88.5	92.7	95.3	97.2	99.4	99.4	100.0
24 YEARS	9.5	54.2	80.8	91.6	95.8	97.3	98.5	100.0	100.0	100.0
(20-24 YRS)	(7.0)	(45.8)	(74.5)	(86.4)	(91.7)	(94.8)	(97.1)	(99.1)	(99.4)	(100.0)
25-29 YRS	8.2	59.8	85.1	92.6	95.6	97.5	98.8	99.5	99.7	100.0
30-34 YRS	9.5	60.8	88.0	93.8	96.6	98.0	98.6	99.2	99.5	100.0
35-39 YRS	10.8	59.7	86.2	93.8	96.1	97.2	98.8	99.2	99.5	100.0
40-44 YRS	7.1	62.4	83.5	91.8	94.1	96.5	97.6	98.8	98.8	100.0
45+ YEARS	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	7.7	46.2	92.3	96.2	96.2	100.0	100.0	100.0	100.0	100.0
TOTAL	8.0	53.7	80.8	89.7	93.9	96.4	98.0	99.2	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 22
1988 VERMONT BIRTHS

COUNTY OF RESIDENCE BY PLACE OF BIRTH

COUNTY OF RESIDENCE

PLACE OF BIRTH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
AT HOME	14	2	10	29	8	5	0	7	13	3	9	6	22	14	4	146
BRATTLEBORO	0	1	0	0	0	0	0	0	0	0	3	0	365	1	127	497
COPLEY	0	0	24	1	0	9	0	188	0	21	0	23	0	0	0	266
GIFFORD MEMORIAL	14	3	0	3	0	0	0	0	118	0	41	84	0	113	9	385
NORTHWESTERN MED CTR	0	0	0	3	0	335	12	0	0	1	0	0	0	0	0	351
MEDICAL CTR. (MCHV)	139	2	4	1940	2	276	76	56	5	10	22	73	4	3	113	2725
NORTH COUNTRY	0	0	2	0	18	6	0	1	0	261	1	0	0	0	1	290
PORTER	283	0	0	2	0	0	0	0	0	0	60	0	0	0	75	420
SOUTHWESTERN MED CTR	0	412	0	0	0	0	0	0	0	0	11	0	25	0	134	582
ROCKINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	41	1	11	53
RUTLAND	9	28	0	2	0	0	0	1	1	0	661	0	5	27	67	801
SPRINGFIELD	0	14	0	0	0	0	0	0	0	0	5	0	56	183	31	289
CENTRAL VERMONT	0	1	39	5	0	0	0	6	75	11	1	586	1	0	2	727
N.E. VT. REGIONAL	0	0	252	1	22	1	0	0	6	16	0	2	0	0	9	309
GRACE COTTAGE	0	3	0	0	0	0	0	0	0	0	0	0	23	0	1	27
OTHER PLACES	0	1	0	1	0	0	0	0	1	0	0	0	0	2	5	10
OUT OF STATE HOSP.	3	72	66	6	39	2	1	1	148	4	24	8	71	382	0	827
TOTAL	462	539	397	1993	89	634	89	260	367	327	838	782	613	726	589	8705

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 23
1988 VERMONT BIRTHS

ATTENDANT BY PLACE OF BIRTH

PLACE OF BIRTH *	ATTENDANT						
	DOCTOR	CERTIFIED NURSE MIDWIFE	NURSE	LAY MIDWIFE	FAMILY MEMBER	OTHER	TOTAL
AT HOME	3	5	1	104	23	10	146
BRATTLEBORO	497	0	0	0	0	0	497
COPLEY	266	0	0	0	0	0	266
GIFFORD MEMORIAL	305	80	0	0	0	0	385
NORTHWESTERN MED CTR	351	0	0	0	0	0	351
MEDICAL CTR. (MCHV)	2395	329	0	1	0	0	2725
NORTH COUNTRY	290	0	0	0	0	0	290
PORTER	420	0	0	0	0	0	420
SOUTHWESTERN MED CTR	582	0	0	0	0	0	582
ROCKINGHAM	53	0	0	0	0	0	53
RUTLAND	801	0	0	0	0	0	801
SPRINGFIELD	287	0	2	0	0	0	289
CENTRAL VERMONT	706	21	0	0	0	0	727
N.E. VT. REGIONAL	293	14	2	0	0	0	309
GRACE COTTAGE	27	0	0	0	0	0	27
OTHER PLACES	4	0	1	3	0	2	10
OUT OF STATE HOSP.	700	127	0	0	0	0	827
TOTAL	7980	576	6	108	23	12	8705

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 24
1988 VERMONT HOSPITAL BIRTHS

TYPE OF DELIVERY BY PLACE OF BIRTH

NUMBER OF EVENTS AND ROW PERCENTS

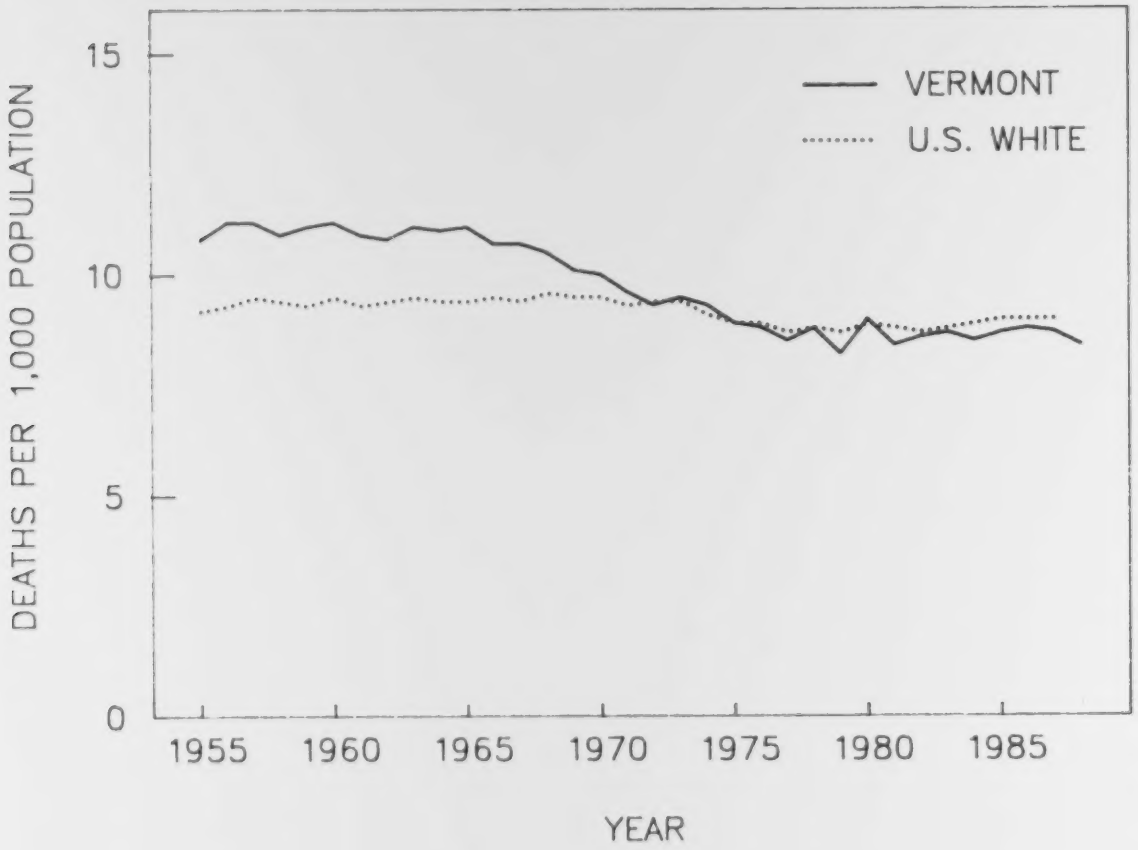
PLACE OF BIRTH *	TYPE OF DELIVERY VAGINAL	CAESAREAN	TOTAL	VAGINAL	CAESAREAN	TOTAL
BRATTLEBORO	411	86	497	82.7	17.3	100.0
COPLEY	218	48	266	82.0	18.0	100.0
GIFFORD MEMORIAL	319	66	385	82.9	17.1	100.0
NORTHWESTERN MED CTR	266	85	351	75.8	24.2	100.0
MEDICAL CTR. (MCHV)	2226	499	2725	81.7	18.3	100.0
NORTH CUNTRY	251	39	290	86.6	13.4	100.0
PORTER	376	44	420	89.5	10.5	100.0
SOUTHWESTERN MED CTR	433	149	582	74.4	25.6	100.0
ROCKINGHAM	43	10	53	81.1	18.9	100.0
RUTLAND	609	192	801	76.0	24.0	100.0
SPRINGFIELD	196	93	289	67.8	32.2	100.0
CENTRAL VERMONT	605	122	727	83.2	16.8	100.0
N.E. VT. REGIONAL	234	75	309	75.7	24.3	100.0
GRACE COTTAGE	27	0	27	100.0	0.0	100.0
TOTAL	6214	1508	7722	80.5	19.5	100.0

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

Deaths

Figure 6

VERMONT AND U.S. WHITE CRUDE DEATH RATES 1955 – 1988



U.S. RATE FOR 1988 NOT AVAILABLE

DEATHS

In 1988, 4,660 Vermont residents died, 110 fewer than in 1987. Combined with a population increase this has led to a decrease in the death rate to 8.4 deaths per 1,000 Vermonters compared to 8.7 in 1987. The 1987 U.S. white rate, the most recent available rate, was 9.0.

Seventy-four percent of the deaths were due to five major cause groups: heart disease (34.6%), malignant neoplasms (cancer; 21.9%), cerebrovascular disease (stroke; 6.8%), chronic obstructive pulmonary disease (COPD; 5.4%), and accidents (5.0%).

During the past decade the three leading causes of death have been heart disease, cancer, and stroke. Rankings among the remaining major causes have fluctuated almost annually, with COPD, accidents, and influenza and pneumonia occupying positions 4 through 6 and diabetes, suicide, diseases of the arteries, and chronic liver disease occupying positions 7 through 10.

Since 1980 there has been a decrease in the cause-specific mortality rates for heart disease, stroke, and accidents and an increase in the rate for COPD. Death rates for the remainder of the leading causes have been relatively stable.

Leading causes of death differ among age groups with younger deaths more likely to be accident related. For ages 1 to 34, the leading cause of death is accidents, with motor vehicle accidents accounting for one-third of all deaths in this age group. For ages 35 to 74, deaths were closely split between heart disease (32.5%) and cancer (31.6%). After age 75 heart disease becomes the leading cause (39.0%), and the proportion of deaths caused by cancer decreases (16.4%).

Males continue to die at an earlier age than females. The median age at death was 73 for males and 81 for females. The age-adjusted death rate, which eliminates the effects of the aging of the population, for males was 1,088.6 per 100,000 men while the rate for females was 667.3. Males had higher age-adjusted death rates than females for each of the 10 leading causes of death. The largest differential was for suicide, while the smallest sex difference was for cerebrovascular disease.

In 1988, six Vermont residents died of AIDS (acquired immune deficiency syndrome). The number of AIDS deaths reported in this publication differs from the number reported by the Health Department's AIDS Program because the AIDS Program assigns a patient's residence to the state in which the patient had the first onset of symptoms for AIDS. The Vital Statistics

Unit codes residence as the state where the patient lived when death occurred.

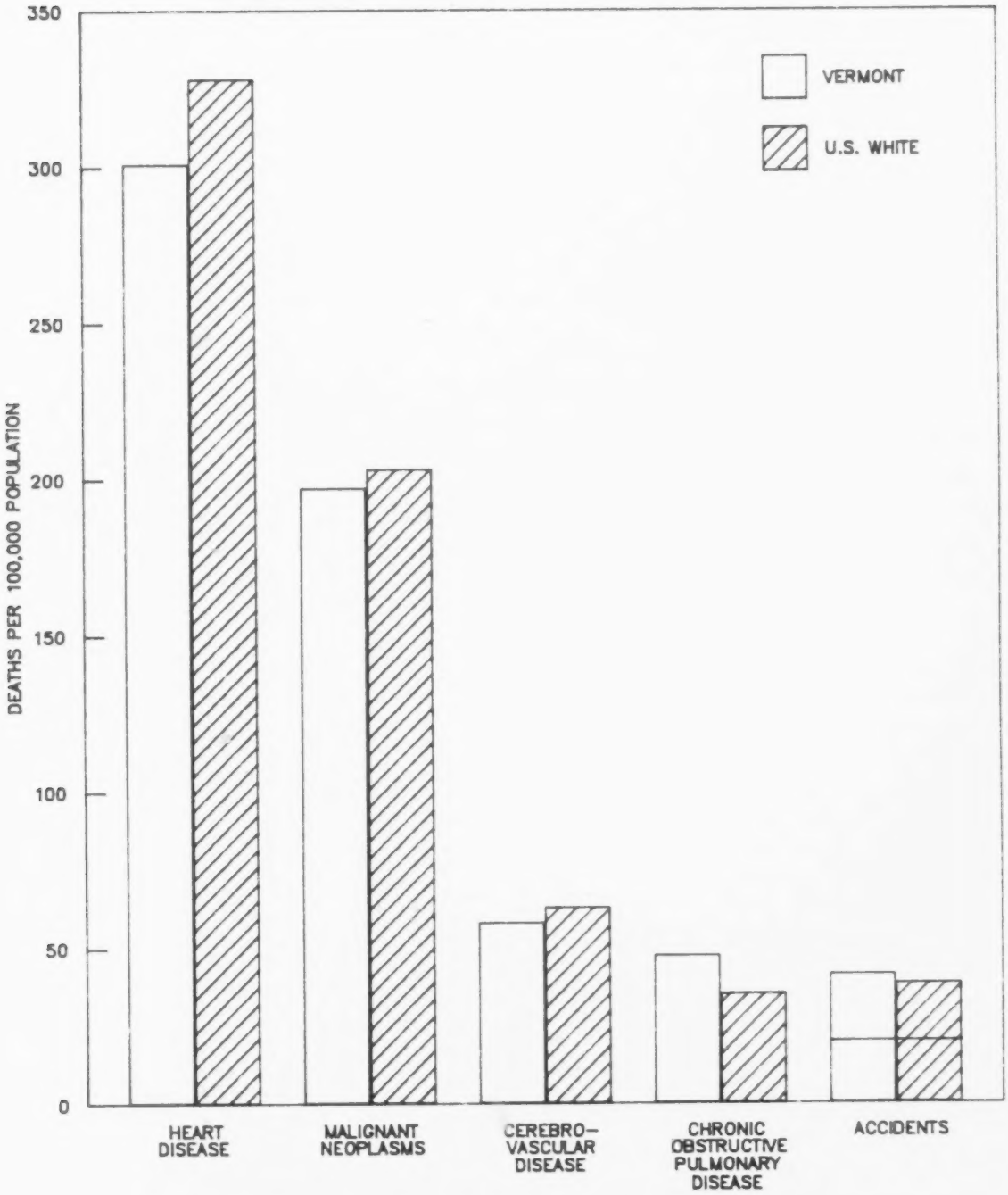
Most deaths (54%) occurred in a hospital. Three-quarters of these deaths were inpatients, the remainder died in the emergency room or as an outpatient. Eighteen percent of Vermonters died at home and 21 percent died in a nursing home.

Eighty-eight percent of the persons who died in 1988 had been married. The percent was larger for females (89.8%) than for males (86.0%). The proportion who were widowed at the time of death was considerably greater for women (60.2%) than for men (20.1%).

Over the past decade there has been a significant increase in the numbers of cremations reported. In 1975, eight percent of all Vermont decedents were cremated. The percentage has increased steadily; in 1988, 23 percent of decedents were cremated.

Figure 7

FIVE LEADING CAUSES OF DEATH VERMONT AND U.S. WHITE



NOTES: 1. Vermont data are for 1988; U.S. data are for 1987.
2. Vermont rates are age adjusted to 1987 U.S. white population
3. Accidents are partitioned into motor vehicle (lower) and other

TABLE 25

1952-1988 Vermont Resident Deaths
10 Leading Causes of Death by Sex
Rates per 100,000 Population

Cause of Death *		1988 Number	1988 Rate	1983-85 Rate	1979-81 Rate	1969-71 Rate	1959-61 Rate	1952-54 Rate
1. Heart disease								
9th: 390-398, 402, 404-429	T	1612	289.4	322.2	328.9	439.3	439.5	421.5
8th: 390-398, 402, 404, 410-429	M	781	288.5	331.6	354.4	495.7	498.5	496.4
(1.0126)	F	831	290.2	313.3	304.8	385.1	382.2	347.5
7th: 400-443 (1.000)								
2. Malignant Neoplasms								
9th: 140-208	T	1020	183.1	194.4	185.3	167.0	168.0	161.3
8th: 140-209 (1.0026)	M	516	190.6	209.3	200.1	180.2	176.9	161.0
7th: 140-205 (0.0988)	F	504	176.0	180.3	171.3	154.4	159.5	161.6
of Respiratory System								
9th: 160-165	T	263	47.2	47.5	46.9	31.4	23.6	14.0
8th: 160-163 (1.0007)	M	187	69.1	68.4	70.7	56.0	40.0	23.4
7th: 160-164 (1.024)	F	76	26.5	27.7	24.3	7.8	7.7	4.7
3. Cerebrovascular Disease								
9th: 430-438	T	317	56.9	59.2	64.9	117.1	131.9	129.7
8th: 430-438 (1.0049)	M	126	46.6	44.9	54.2	106.9	113.7	119.5
7th: 330-334 (0.981)	F	191	66.7	72.8	75.1	127.0	149.1	139.8
4. Chronic Obstructive Pulmonary Disease	T	251	45.2	39.4	31.1	Note: 1971 is the first year		
9th: 490-498	M	169	62.4	50.6	45.5	in which C.O.P.D. was		
8th: 490-493	F	82	28.6	28.8	17.4	coded.		
5. Accidents								
9th: E800-E949	T	232	41.7	40.3	47.0	58.4	49.4	47.5
8th: E800-E949 (0.9970)	M	147	54.3	57.6	66.4	79.7	68.7	64.1
7th: E800-E962 (0.926)	F	85	29.7	24.0	28.6	38.1	30.8	30.9
Motor Vehicle Accidents								
9th: E810-E825	T	115	20.6	19.1	24.8	26.0	21.0	17.0
8th: E810-E823 (1.0117)	M	72	26.6	29.4	37.7	37.4	33.0	24.3
7th: E810-E835 (0.974)	F	43	15.0	9.3	12.5	15.1	9.4	9.7
Other Accidents								
9th: E800-E807, E826-E949	T	117	21.0	21.3	22.2	32.4	28.3	30.2
8th: E800-E807, E825-E949	M	75	27.7	28.2	28.6	42.2	35.6	39.8
(0.9841)	F	42	14.7	14.7	16.1	22.9	21.3	21.1
7th: E840-E962 (0.884)								

TABLE 25

1952-1988 Vermont Resident Deaths
10 Leading Causes of Death by Sex
Rates per 100,000 Population

Cause of Death *		1988 Number	1988 Rate	1983-85 Rate	1979-81 Rate	1969-71 Rate	1959-61 Rate	1952-54 Rate
6. Influenza and Pneumonia								
9th: 480-487	T	183	32.9	29.6	25.1	35.3	40.8	27.0
8th: 470-474, 480-486 (0.9264)	M	74	27.3	28.2	24.1	38.4	44.2	29.9
7th: 480-483, 490-493 (0.993)	F	109	38.1	30.9	26.0	32.1	37.6	24.3
7. Suicide								
9th: E950-E959	T	95	17.1	14.6	16.2	13.7	14.8	13.9
8th: E950-E959 (1.0032)	M	75	27.7	25.2	25.7	23.0	26.2	23.7
7th: E963, E970-E979 (0.939)	F	20	7.0	4.5	7.1	5.0	3.8	4.4
8. Diabetes Mellitus								
9th: 250	T	93	16.7	15.7	13.4	16.4	15.1	12.4
8th: 250 (0.9991)	M	45	16.6	13.8	10.8	14.3	10.4	10.5
7th: 260 (0.994)	F	48	16.8	17.4	15.8	18.5	19.7	14.3
9. Diseases of Arteries								
9th: 441-448	T	75	13.5	10.3	12.3	11.0	7.3	4.2
8th: 441-448 (0.7409)	M	40	14.8	12.0	17.3	13.6	11.0	4.7
7th: 451-456 (1.549)	F	35	12.2	8.6	7.6	8.4	3.8	3.8
10. Chronic Liver Disease								
9th: 571	T	61	11.0	10.6	11.4	11.4	9.9	8.3
8th: 571 (1.0110)	M	37	13.7	14.6	14.7	15.3	12.2	10.1
7th: 581 (1.055)	F	24	8.4	6.9	8.3	7.6	7.7	6.6

* Cause of death is coded by the International Classification of Diseases, Adapted (ICDA). Deaths in 1952-1957 were coded according to the 6th ICDA revision (ICDA-6), 1958-67 deaths according to ICDA-7, 1968-78 deaths according to ICDA-8 and 1979 to the present according to ICD-9. Although there is little difference between ICDA-6 and ICDA-7, significant changes were made in ICDA-8 and ICD-9. Therefore code numbers for ICDA-7, ICDA-8 and ICD-9 are given in addition to comparability ratios which have been applied to earlier rates to make them comparable to the ICD9 rates. (Ratios from "Monthly Vital Statistics Report", Volume 17, #8 Supplement, October 25, 1968, and Volume 28, #11 Supplement, February 29, 1980; DHEW, NCHS, Washington, D.C.)

TABLE 26

1988 VERMONT RESIDENT DEATHS
LEADING CAUSES OF DEATH BY AGE GROUPS AND SEX

NUMBERS OF DEATHS AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION

AGE GROUP AND CAUSE	NUMBER OF DEATHS	RATES		
		TOTAL	MALE	FEMALE
Under 1 Year *	53	6.5	7.7	5.3
Conditions of the Perinatal Period	22	2.7	4.3	1.0
1-4 Years	17	48.7	50.4	47.1
5-14 Years	11	15.0	7.9	22.4
15-24 Years	76	85.1	129.2	42.0
Motor Vehicle Accidents	40	44.8	70.3	19.9
25-44 Years	229	123.8	171.5	77.0
Motor Vehicle Accidents	46	24.9	30.6	19.3
Malignant Neoplasms	34	18.4	19.7	17.1
Suicide	34	18.4	29.5	7.5
Diseases of the Heart	33	17.8	28.4	7.5
45-64 Years	688	687.7	897.1	487.2
Malignant Neoplasms	240	239.9	261.6	219.1
Diseases of the Heart	226	225.9	343.3	113.5
C.O.P.D.#	27	27.0	38.8	15.7
Suicide	26	26.0	36.8	15.7
Cerebrovascular Disease	22	22.0	26.6	17.6
65-74 Years	999	2,723.6	3,579.4	2,046.4
Diseases of the Heart	336	916.1	1,296.0	615.4
Malignant Neoplasms	313	853.3	1,055.3	693.5
C.O.P.D.#	62	169.0	259.2	97.7
Cerebrovascular Disease	56	152.7	216.0	102.6
Diabetes Mellitus	26	70.9	67.9	73.3
75+ Years	2,587	8,806.5	10,468.8	7,950.9
Diseases of the Heart	1,008	3,431.4	3,726.7	3,279.4
Malignant Neoplasms	425	1,446.8	1,963.5	1,180.8
Cerebrovascular Disease	236	803.4	781.4	814.7
C.O.P.D.#	157	534.4	1,051.9	268.1
Pneumonia & Influenza	152	517.4	520.9	515.6

*Deaths to those under 1 are per 1,000 live births
#Chronic obstructive pulmonary disease

TABLE 27

GEOGRAPHIC DISTRIBUTION OF 1988 VERMONT DEATHS

DEATHS OCCURRING IN VERMONT

STATE OF RESIDENCE	NUMBER
ARIZONA	1
CALIFORNIA	5
CONNECTICUT	16
DELAWARE	3
FLORIDA	31
GEORGIA	1
MAINE	5
MARYLAND	2
MASSACHUSETTS	45
MICHIGAN	3
MINNESOTA	1
NEW HAMPSHIRE	177
NEW JERSEY	12
NEW YORK	276
NORTH CAROLINA	2
OKLAHOMA	1
OREGON	1
PENNSYLVANIA	4
RHODE ISLAND	3
SOUTH CAROLINA	1
TENNESSEE	1
VERMONT	4193
WEST VIRGINIA	1
CANADA	12
OTHER	2
TOTAL	4799

VERMONT RESIDENT DEATHS

STATE OF DEATH	NUMBER
ALASKA	2
ARIZONA	2
CALIFORNIA	4
COLORADO	2
CONNECTICUT	9
FLORIDA	22
HAWAII	1
IDAHO	1
ILLINOIS	1
IOWA	1
KANSAS	1
MAINE	5
MARYLAND	3
MASSACHUSETTS	55
MISSOURI	1
NEVADA	1
NEW HAMPSHIRE	295
NEW JERSEY	4
NEW YORK	36
PENNSYLVANIA	7
RHODE ISLAND	3
SOUTH CAROLINA	1
TENNESSEE	1
TEXAS	1
VERMONT	4193
VIRGINIA	3
WASHINGTON	1
WASHINGTON D.C.	1
WEST VIRGINIA	1
WYOMING	2
TOTAL	4660

TABLE 28
1988 VERMONT RESIDENT DEATHS

AGE AT DEATH BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
ADDISON	4	0	2	5	4	4	15	32	54	47	58	225
BENNINGTON	1	1	0	4	8	14	14	32	74	132	97	377
CALEDONIA	3	0	2	2	4	5	10	26	51	68	86	257
CHITTENDEN	15	3	3	14	23	25	40	88	181	220	168	780
ESSEX	0	0	0	3	1	2	4	4	16	20	14	64
FRANKLIN	1	0	0	7	10	6	13	42	66	97	82	324
GRAND ISLE	0	0	0	0	1	3	1	8	9	13	7	42
LAMOILLE	1	2	0	4	2	1	6	15	26	53	48	158
ORANGE	5	0	1	3	3	6	11	23	50	65	57	224
ORLEANS	2	1	0	8	4	6	11	31	50	74	81	268
RUTLAND	8	4	2	7	7	15	28	57	136	169	158	591
WASHINGTON	5	3	1	4	13	19	23	37	104	153	134	496
WINDHAM	4	1	0	4	6	15	8	39	64	102	112	355
WINDSOR	4	2	0	11	11	11	31	39	118	134	138	499
TOTAL	53	17	11	76	97	132	215	473	999	1347	1240	4660

TABLE 29
1988 VERMONT RESIDENT DEATHS

AGE AT DEATH BY COUNTY OF RESIDENCE FOR THOSE OVER 1
AGE-SPECIFIC AND AGE-ADJUSTED RATES PER 100,000 POPULATION

AGE-SPECIFIC DEATH RATES

COUNTY OF RESIDENCE	AGE 1-24	25-34	35-44	45-54	55-64	65-74	75+	AGE-ADJUSTED RATES
ADDISON	54.5	74.9	79.9	491.2	1344.5	2777.8	7352.9	786.5
BENNINGTON	41.3	135.8	276.3	382.0	954.7	2646.6	9058.5	854.1
CHITTENDEN	40.7	86.9	126.8	326.4	969.2	3077.2	8542.5	823.5
FRANKLIN & GRAND ISLE	43.0	145.2	141.0	332.5	1364.3	2640.8	9191.7	868.8
LAMOILLE	88.5	57.1	32.7	331.9	1104.6	2249.1	10466.3	903.0
NORTHEAST KINGDOM*	75.4	93.7	151.8	452.6	1192.3	2625.1	9997.1	926.0
ORANGE	44.2	66.8	159.3	464.3	1140.3	2949.9	9050.4	894.9
RUTLAND	63.4	64.1	160.8	457.6	1030.0	2893.0	8598.5	838.5
WASHINGTON	41.6	135.0	224.2	416.0	791.8	2797.2	8921.4	841.4
WINDHAM	37.3	82.2	227.8	201.4	1102.6	2182.1	8706.3	783.2
WINDSOR	75.8	112.9	128.4	537.6	769.7	2589.4	7791.5	773.4
TOTAL	52.6	96.5	156.2	396.2	1033.2	2723.6	8806.5	836.6

NOTES:
AGE-ADJUSTED RATES ADJUST THE COUNTY AGE-SPECIFIC RATES TO THE 1988 VERMONT AGE DISTRIBUTION
COUNTY TOTAL AGE-ADJUSTED RATES INCLUDE THE 'UNDER 1' DEATHS
THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 30
1988 VERMONT RESIDENT DEATHS

AGE AT DEATH BY MARITAL STATUS AND SEX

TOTAL

MARITAL STATUS	UNDER 15	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
SINGLE	81	62	42	19	23	42	71	111	112	563
MARRIED	0	11	39	74	143	328	582	541	182	1900
WIDOWED	0	1	4	1	12	52	260	619	925	1874
DIVORCED	0	2	12	38	37	50	85	75	21	320
UNKNOWN	0	0	0	0	0	1	1	1	0	3
TOTAL	81	76	97	132	215	473	999	1347	1240	4660

MALE

MARITAL STATUS	UNDER 15	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
SINGLE	44	50	33	11	18	27	48	58	36	325
MARRIED	0	6	24	53	93	226	404	400	140	1346
WIDOWED	0	0	2	1	1	14	82	176	190	466
DIVORCED	0	1	8	25	24	35	45	34	11	183
UNKNOWN	0	0	0	0	0	1	1	0	0	2
TOTAL	44	57	67	90	136	303	580	668	377	2322

FEMALE

MARITAL STATUS	UNDER 15	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
SINGLE	37	12	9	8	5	15	23	53	76	238
MARRIED	0	5	15	21	50	102	178	141	42	554
WIDOWED	0	1	2	0	11	38	178	443	735	1408
DIVORCED	0	1	4	13	13	15	40	41	10	137
UNKNOWN	0	0	0	0	0	0	0	1	0	1
TOTAL	37	19	30	42	79	170	419	679	863	2338

TABLE 31
1988 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY COUNTY OF RESIDENCE

MONTH OF DEATH

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	14	15	22	23	22	25	19	15	19	16	18	17	225
BENNINGTON	39	31	30	34	35	35	33	25	28	28	23	36	377
CALEDONIA	17	29	23	17	24	13	28	26	19	18	22	21	257
CHITTENDEN	76	62	54	67	59	52	65	77	54	75	76	63	780
ESSEX	7	6	3	6	5	5	4	7	4	7	4	6	64
FRANKLIN	36	35	27	30	27	25	14	30	22	30	25	23	324
GRAND ISLE	1	2	5	3	5	4	5	4	5	3	4	1	42
LAMOILLE	6	14	15	9	13	13	12	19	14	18	17	8	158
ORANGE	15	16	17	22	15	18	14	14	23	26	22	22	224
ORLEANS	25	18	25	22	24	17	18	23	17	24	25	30	268
RUTLAND	58	48	52	48	54	40	44	50	53	54	42	48	591
WASHINGTON	41	45	52	41	36	37	42	33	33	61	31	44	496
WINDHAM	26	35	38	26	30	31	22	34	27	29	29	28	355
WINDSOR	43	45	41	48	35	35	45	44	35	46	32	50	499
TOTAL	404	401	404	396	384	350	365	401	353	435	370	397	4660

TABLE 32
1988 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY DISPOSITION OF BODY

MONTH OF DEATH

DISPOSITION OF BODY	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
BURIAL	99	70	91	230	254	226	238	250	225	284	218	129	2314
CREMATION	96	96	89	91	77	73	79	87	81	104	92	98	1063
ENTOMBMENT	155	183	170	19	1	0	0	0	0	1	13	118	660
MEDICAL STUDY	2	1	3	4	2	4	4	4	1	3	3	2	33
OUT OF STATE REMOVAL	52	43	50	52	50	46	44	59	46	43	43	50	578
UNKNOWN	0	8	1	0	0	1	0	1	0	0	1	0	12
TOTAL	404	401	404	396	384	350	365	401	353	435	370	397	4660

TABLE 33
1988 VERMONT RESIDENT DEATHS

RACE BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	RACE				
	WHITE	BLACK	OTHER	UNKNOWN	TOTAL
ADDISON	223	1	1	0	225
BENNINGTON	375	0	2	0	377
CALEDONIA	257	0	0	0	257
CHITTENDEN	776	2	1	1	780
ESSEX	64	0	0	0	64
FRANKLIN	322	0	0	2	324
GRAND ISLE	42	0	0	0	42
LAMOILLE	157	1	0	0	158
ORANGE	224	0	0	0	224
ORLEANS	268	0	0	0	268
RUTLAND	588	1	1	1	591
WASHINGTON	496	0	0	0	496
WINDHAM	353	2	0	0	355
WINDSOR	498	0	1	0	499
TOTAL	4643	7	6	4	4660

TABLE 34
1988 VERMONT RESIDENT DEATHS

AUTOPSY BY CERTIFIER OF DEATH

NUMBER OF EVENTS, ROW AND COLUMN PERCENTS

CERTIFIER	AUTOPSY	NUMBER OF EVENTS			ROW PERCENTS				COLUMN PERCENTS			
		NONE	UNKNOWN	TOTAL	AUTOPSY	NONE	UNKNOWN	TOTAL	AUTOPSY	NONE	UNKNOWN	TOTAL
STAFF DOCTOR	116	1045	18	1179	9.8	88.6	1.5	100.0	18.1	26.3	46.2	25.3
ATTENDING DOCTOR	134	2635	15	2784	4.8	94.6	0.5	100.0	20.9	66.2	38.5	59.7
MEDICAL EXAMINER	206	291	6	503	41.0	57.9	1.2	100.0	32.1	7.3	15.4	10.8
PATHOLOGIST	186	8	0	194	95.9	4.1	0.0	100.0	29.0	0.2	0.0	4.2
TOTAL	642	3979	39	4660	13.8	85.4	0.8	100.0	100.0	100.0	100.0	100.0

TABLE 35
1988 VERMONT RESIDENT DEATHS

SEX BY 72 SELECTED CAUSES

CAUSE OF DEATH *	NUMBER OF EVENTS			COLUMN PERCENTS			RATES PER 100,000 POPULATION AGE-ADJUSTED RATES		CRUDE DEATH RATES
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	
SHIGELLOSIS AND AMEBIASIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
TUBERCULOSIS	1	0	1	0.0	0.0	0.0	0.5	0.0	0.2
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER TUBERCULOSIS	1	0	1	0.0	0.0	0.0	0.5	0.0	0.2
WHOOPING COUGH	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
STREPTOCOCCAL SORE THROAT & SCARLATINA	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
MENINGOCOCCAL INFECTION	1	2	3	0.0	0.1	0.1	0.4	0.7	0.5
SEPTICEMIA	19	25	44	0.8	1.1	0.9	9.0	6.9	7.9
ACUTE POLIOMYELITIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
MEASLES	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
VIRAL HEPATITIS	0	1	1	0.0	0.0	0.0	0.0	0.3	0.2
SYPHILIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	11	4	15	0.5	0.2	0.3	4.9	1.2	2.7
MALIGNANT NEOPLASMS	516	504	1020	22.2	21.6	21.9	231.8	153.3	183.1
OF LIP, ORAL CAVITY AND PHARYNX	7	6	13	0.3	0.3	0.3	2.8	2.0	2.3
OF DIGESTIVE ORGANS AND PERITONEUM	106	122	228	4.6	5.2	4.9	48.7	35.7	40.9
OF RESPIRATORY AND INTRATHORACIC ORGANS	187	76	263	8.1	3.3	5.6	82.1	23.9	47.2
OF BREAST	0	105	105	0.0	4.5	2.3	0.0	32.4	18.9
OF GENITAL ORGANS	76	58	134	3.3	2.5	2.9	36.4	17.6	24.1
OF URINARY ORGANS	22	26	48	0.9	1.1	1.0	10.0	7.7	8.6
OF OTHER AND UNSPECIFIED SITES	60	55	115	2.6	2.4	2.5	25.4	17.1	20.6
LEUKEMIA	18	22	40	0.8	0.9	0.9	8.9	6.6	7.2
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	40	34	74	1.7	1.5	1.6	17.5	10.3	13.3
BENIGN NEOPLASMS	8	13	21	0.3	0.6	0.5	3.2	4.2	3.8
DIABETES MELLITUS	45	48	93	1.9	2.1	2.0	22.7	13.8	16.7
NUTRITIONAL DEFICIENCIES	3	1	4	0.1	0.0	0.1	1.9	0.2	0.7
ANEMIAS	3	5	8	0.1	0.2	0.2	1.6	1.3	1.4
MENINGITIS	0	1	1	0.0	0.0	0.0	0.0	0.4	0.2
MAJOR CARDIOVASCULAR DISEASES	970	1092	2062	41.8	46.7	44.2	469.4	299.5	370.2
DISEASES OF HEART	781	831	1612	33.6	35.5	34.6	373.4	228.8	289.4
RHEUMATIC FEVER AND HEART DISEASE	2	10	12	0.1	0.4	0.3	0.7	2.9	2.2
HYPERTENSIVE HEART DISEASE	25	30	55	1.1	1.3	1.2	11.6	8.3	9.9
HYPERTENSIVE HEART AND RENAL DISEASE	2	6	8	0.1	0.3	0.2	1.2	1.5	1.4
ISCHEMIC HEART DISEASE	523	466	989	22.5	19.9	21.2	244.5	130.7	177.6
ACUTE MYOCARDIAL INFARCTION	279	238	517	12.0	10.2	11.1	126.5	68.6	92.8
OTHER ACUTE AND SUBACUTE FORMS	2	1	3	0.1	0.0	0.1	1.1	0.3	0.5
ANGINA PECTORIS	2	6	8	0.1	0.3	0.2	1.0	1.6	1.4
CHRONIC ISCHEMIC HEART DISEASE	240	221	461	10.3	9.5	9.9	115.9	60.2	82.8
OTHER DISEASES OF ENDOCARDIUM	16	25	41	0.7	1.1	0.9	8.5	6.7	7.4
ALL OTHER FORMS OF HEART DISEASE	213	294	507	9.2	12.6	10.9	106.9	78.6	91.0
HYPERTENSION	6	3	9	0.3	0.1	0.2	2.9	0.9	1.6
CEREBROVASCULAR DISEASE	126	191	317	5.4	8.2	6.8	65.3	51.6	56.9
INTRACRANIAL HEMORRHAGE	13	16	29	0.6	0.7	0.6	5.7	4.6	5.2
CEREBRAL THROMBOSIS AND OCCLUSION	18	25	43	0.8	1.1	0.9	9.4	6.7	7.7
CEREBRAL EMBOLISM	2	1	3	0.1	0.0	0.1	0.8	0.2	0.5
OTHER CEREBROVASCULAR DISEASES	93	149	242	4.0	6.4	5.2	49.4	40.1	43.4

TABLE 35 (CONT)
1988 VERMONT RESIDENT DEATHS

SEX BY 72 SELECTED CAUSES

CAUSE OF DEATH *	NUMBER OF EVENTS			COLUMN PERCENTS			RATES PER 100,000 POPULATION AGE-ADJUSTED RATES		CRUDE DEATH RATES
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	
ATHEROSCLEROSIS	17	32	49	0.7	1.4	1.1	9.1	8.4	8.8
OTHER DISEASES OF ARTERIES	40	35	75	1.7	1.5	1.6	18.7	9.7	13.5
ACUTE BRONCHITIS	0	1	1	0.0	0.0	0.0	0.0	0.2	0.2
PNEUMONIA AND INFLUENZA	74	109	183	3.2	4.7	3.9	40.5	28.6	32.9
PNEUMONIA	72	104	176	3.1	4.4	3.8	39.5	27.3	31.6
INFLUENZA	2	5	7	0.1	0.2	0.2	1.0	1.2	1.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	169	82	251	7.3	3.5	5.4	81.3	23.9	45.1
BRONCHITIS	4	6	10	0.2	0.3	0.2	2.0	1.6	1.8
EMPHYSEMA	27	14	41	1.2	0.6	0.9	12.6	4.1	7.4
ASTHMA	4	4	8	0.2	0.2	0.2	1.7	1.3	1.4
OTHER	134	58	192	5.8	2.5	4.1	65.0	16.9	34.5
ULCER OF STOMACH AND DUODENUM	5	11	16	0.2	0.5	0.3	2.4	3.1	2.9
APPENDICITIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	5	6	11	0.2	0.3	0.2	3.4	1.7	2.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	37	24	61	1.6	1.0	1.3	15.0	7.5	11.0
GALLBLADDER DISORDERS	2	5	7	0.1	0.2	0.2	0.8	1.4	1.3
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	14	31	45	0.6	1.3	1.0	8.0	8.7	8.1
ACUTE GLOMERULONEPHRITIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
CHRONIC GLOMERULONEPHRITIS	1	1	2	0.0	0.0	0.0	0.4	0.3	0.4
RENAL FAILURE	13	30	43	0.6	1.3	0.9	7.7	8.3	7.7
INFECTIONS OF KIDNEY	0	3	3	0.0	0.1	0.1	0.0	0.7	0.5
HYPERPLASIA OF PROSTRATE	2	0	2	0.1	0.0	0.0	0.9	0.0	0.4
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	1	1	0.0	0.0	0.0	0.0	0.4	0.2
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER COMPLICATIONS	0	1	1	0.0	0.0	0.0	0.0	0.4	0.2
CONGENITAL ANOMALIES	11	12	23	0.5	0.5	0.5	4.1	4.2	4.1
CERTAIN PERINATAL CONDITIONS	18	4	22	0.8	0.2	0.5	6.2	1.5	3.9
BIRTH TRAUMA	7	2	9	0.3	0.1	0.2	2.4	0.7	1.6
OTHER PERINATAL CONDITIONS	11	2	13	0.5	0.1	0.3	3.8	0.7	2.3
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	12	17	29	0.5	0.7	0.6	5.1	4.8	5.2
ALL OTHER DISEASES	168	225	393	7.2	9.6	8.4	85.0	62.1	70.6
ACCIDENTS AND ADVERSE EFFECTS	147	85	232	6.3	3.6	5.0	58.7	27.9	41.7
MOTOR VEHICLE ACCIDENTS	72	43	115	3.1	1.8	2.5	26.8	15.0	20.6
ALL OTHER ACCIDENTS	75	42	117	3.2	1.8	2.5	31.9	12.9	21.0
SUICIDE	75	20	95	3.2	0.9	2.0	29.4	6.9	17.1
HOMICIDE AND LEGAL INTERVENTION	6	5	11	0.3	0.2	0.2	2.3	1.8	2.0
ALL OTHER EXTERNAL CAUSES	0	1	1	0.0	0.0	0.0	0.0	0.4	0.2
ALL CAUSES	2322	2338	4660	100.0	100.0	100.0	1088.6	667.3	836.6

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 36
1988 VERMONT RESIDENT DEATHS

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	0	1	0	0	0	0	0	0	0	1	0	0	1	3
SEPTICEMIA	1	3	0	13	0	7	0	3	3	3	3	3	2	3	44
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	1	3	1	3	0	0	0	1	0	0	0	5	1	0	15
MALIGNANT NEOPLASMS	45	85	59	172	17	62	9	32	47	64	124	103	79	122	1020
OF LIP, ORAL CAVITY AND PHARYNX	1	2	1	1	0	0	0	1	1	0	3	2	0	1	13
OF DIGESTIVE ORGANS AND PERITONEUM	8	7	13	39	4	18	3	7	17	14	33	27	12	26	228
OF RESPIRATORY AND INTRATHORACIC ORGANS	12	26	14	41	7	17	3	4	10	15	33	31	20	30	263
OF BREAST	1	13	8	17	0	4	0	5	5	5	11	11	5	20	105
OF GENITAL ORGANS	8	13	9	20	1	8	0	3	8	15	14	10	10	15	134
OF URINARY ORGANS	1	2	1	8	1	2	0	1	0	4	11	4	6	7	48
OF OTHER AND UNSPECIFIED SITES	8	13	5	21	2	5	2	6	4	10	6	9	13	11	115
LEUKEMIA	3	1	2	10	0	3	0	3	1	0	8	1	5	3	40
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	3	8	6	15	2	5	1	2	1	1	5	8	8	9	74
BENIGN NEOPLASMS	1	2	2	3	0	1	0	0	1	4	2	2	3	0	21
DIABETES MELLITUS	8	8	7	14	2	3	0	2	3	4	12	11	10	9	93
NUTRITIONAL DEFICIENCIES	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4
ANEMIAS	0	1	0	1	0	1	0	0	2	1	0	0	1	1	8
MENINGITIS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
MAJOR CARDIOVASCULAR DISEASES	112	152	112	352	29	165	29	67	96	104	294	207	141	202	2062
DISEASES OF HEART	93	112	92	281	25	127	26	50	78	86	224	158	121	139	1612
RHEUMATIC FEVER AND HEART DISEASE	0	1	0	3	0	1	0	0	1	0	0	0	3	3	12
HYPERTENSIVE HEART DISEASE	3	1	3	8	0	3	2	2	3	1	13	5	4	7	55
HYPERTENSIVE HEART AND RENAL DISEASE	0	1	0	2	0	0	0	0	0	0	3	2	0	0	8
ISCHEMIC HEART DISEASE	64	73	59	160	20	58	18	25	57	67	131	100	69	88	989
ACUTE MYOCARDIAL INFARCTION	33	35	27	80	7	46	12	12	32	27	85	50	26	45	517
OTHER ACUTE AND SUBACUTE FORMS	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
ANGINA PECTORIS	0	1	1	3	0	0	0	0	0	0	2	1	0	0	8
CHRONIC ISCHEMIC HEART DISEASE	31	37	31	77	13	12	6	13	25	40	44	46	43	43	461
OTHER DISEASES OF ENDOCARDIUM	0	3	3	7	0	0	0	2	0	6	6	4	4	6	41
ALL OTHER FORMS OF HEART DISEASE	26	33	27	101	5	65	6	21	17	12	71	47	41	35	507
HYPERTENSION	0	0	2	1	0	0	0	0	2	0	1	2	1	0	9
CEREBROVASCULAR DISEASES	10	29	12	56	4	22	3	16	11	14	53	36	13	38	317
INTRACRANIAL HEMORRHAGE	2	0	4	4	0	1	1	1	0	0	7	4	0	5	29
CEREBRAL THROMBOSIS AND OCCLUSION	0	3	1	2	0	0	0	0	2	1	20	10	2	2	43
CEREBRAL EMBOLISM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	3
OTHER CEREBROVASCULAR DISEASES	8	26	7	50	4	21	2	15	8	13	26	21	11	30	242

TABLE 36 (CONT)
1988 VERMONT RESIDENT DEATHS

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	TOTAL
ATHEROSCLEROSIS	2	2	2	6	0	9	0	1	2	0	4	6	1	14	49
OTHER DISEASES OF ARTERIES	7	9	4	8	0	7	0	0	3	4	12	5	5	11	75
ACUTE BRONCHITIS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
PNEUMONIA AND INFLUENZA	6	18	15	23	1	7	0	7	14	5	15	26	24	22	183
PNEUMONIA	5	17	14	23	1	7	0	5	14	5	15	26	22	22	176
INFLUENZA	1	1	1	0	0	0	0	2	0	0	0	0	2	0	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	6	28	16	34	1	14	1	12	12	25	19	28	27	28	251
BRONCHITIS	0	4	1	1	0	0	0	0	1	1	0	0	1	1	10
EMPHYSEMA	3	1	0	7	0	0	0	2	4	1	3	4	9	7	41
ASTHMA	0	0	0	1	0	0	0	1	0	0	1	1	1	3	8
OTHER	3	23	15	25	1	14	1	9	7	23	15	23	16	17	192
ULCER OF STOMACH AND DUODENUM	1	0	1	3	1	0	0	1	0	1	4	1	0	3	16
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	0	1	1	0	0	2	0	2	1	1	1	1	0	1	11
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	7	3	10	2	4	0	0	4	3	11	4	6	4	61
GALLBLADDER DISORDERS	0	2	0	2	0	2	0	0	0	0	0	1	0	0	7
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	2	5	0	4	0	1	1	2	2	4	5	7	5	7	45
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2
RENAL FAILURE	2	5	0	3	0	1	1	2	2	4	5	7	5	6	43
INFECTIONS OF KIDNEY	0	0	0	0	0	0	0	0	0	1	1	0	1	0	3
HYPERPLASIA OF PROSTRATE	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
CONGENITAL ANOMALIES	1	1	3	9	0	1	0	0	3	0	2	1	1	1	23
CERTAIN PERINATAL CONDITIONS	1	0	1	4	0	1	0	1	1	1	2	3	4	3	22
BIRTH TRAUMA	0	0	1	2	0	1	0	0	1	0	1	1	0	2	9
OTHER PERINATAL CONDITIONS	1	0	0	2	0	0	0	1	0	1	1	2	4	1	13
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	1	3	0	7	0	0	0	0	2	1	6	1	5	3	29
ALL OTHER DISEASES	17	31	20	70	6	22	0	15	15	23	49	51	26	48	393
ACCIDENTS AND ADVERSE EFFECTS	14	20	10	32	3	20	1	8	11	16	29	27	11	30	232
MOTOR VEHICLE ACCIDENTS	8	8	2	12	3	13	0	5	5	7	17	12	7	16	115
ALL OTHER ACCIDENTS	6	12	8	20	0	7	1	3	6	9	12	15	4	14	117
SUICIDE	4	7	4	19	1	10	1	5	5	6	8	10	6	9	95
HOMICIDE AND LEGAL INTERVENTION	1	0	0	3	1	0	0	0	1	1	1	2	1	0	11
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
ALL CAUSES	225	377	257	780	64	324	42	158	224	268	591	496	355	499	4660

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 37
1988 VERMONT RESIDENT DEATHS
AGE-ADJUSTED RATES PER 100,000 POPULATION

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	AGE-ADJUSTED RATES ADDIS	BENN	CHIT	FR/GI	LAM	N.E.K.	ORANG	RUTL	WASH	WINDH	WINDS	CRUDE DEATH RATES
SHIGELLOSIS AND AMEBIASIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CERTAIN OTHER INTESTINAL INFECTIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TUBERCULOSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.2
TUBERCULOSIS OF RESPIRATORY SYSTEM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER TUBERCULOSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.2
WHOOPING COUGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STREPTOCOCCAL SORE THROAT & SCARLATINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MENINGOCOCCAL INFECTION	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.7	0.0	0.0	1.9	0.5
SEPTICEMIA	3.4	6.2	14.7	16.8	17.6	4.7	11.9	4.2	5.2	4.3	4.5	7.9
ACUTE POLIOMYELITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEASLES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VIRAL HEPATITIS	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
SYPHILIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	3.5	7.5	2.5	0.0	5.2	1.8	0.0	0.0	8.7	2.5	0.0	2.7
MALIGNANT NEOPLASMS	157.2	192.9	179.9	166.4	180.5	218.6	186.8	177.2	176.2	175.6	187.3	183.1
OF LIP, ORAL CAVITY AND PHARYNX	3.5	4.8	0.8	0.0	6.1	1.5	4.1	4.2	3.5	0.0	1.7	2.3
OF DIGESTIVE ORGANS AND PERITONEUM	28.5	15.6	43.6	48.9	39.9	48.1	67.5	46.8	46.1	27.1	39.1	40.9
OF RESPIRATORY AND INTRATHORACIC ORGANS	41.9	59.9	41.7	46.8	21.4	56.2	39.6	47.0	53.1	44.9	46.2	47.2
OF BREAST	3.0	30.2	17.0	9.6	27.5	20.2	20.0	16.1	18.9	11.0	30.3	18.9
OF GENITAL ORGANS	28.1	28.0	21.9	19.0	17.2	38.7	31.7	19.9	17.2	21.7	23.3	24.1
OF URINARY ORGANS	3.7	4.1	8.2	4.6	5.2	9.5	0.0	15.6	6.9	13.3	10.7	8.6
OF OTHER AND UNSPECIFIED SITES	27.5	29.5	20.9	16.2	34.2	27.5	15.7	8.6	15.4	29.3	17.5	20.6
LEUKEMIA	11.1	2.7	9.8	7.2	17.8	3.1	4.0	11.9	1.8	10.6	4.7	7.2
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	10.0	18.1	16.0	14.1	11.1	13.9	4.1	7.0	13.4	17.8	13.8	13.3
BENIGN NEOPLASMS	3.2	4.5	3.0	2.5	0.0	9.6	4.1	2.9	3.5	6.6	0.0	3.8
DIABETES MELLITUS	28.2	19.0	14.4	7.0	12.6	20.2	12.1	16.3	18.4	22.0	13.9	16.7
NUTRITIONAL DEFICIENCIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	3.0	0.7
ANEMIAS	0.0	2.1	0.9	2.5	0.0	1.6	8.1	0.0	0.0	2.1	1.5	1.4
MENINGITIS	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
MAJOR CARDIOVASCULAR DISEASES	398.7	335.4	386.2	461.1	384.5	380.8	384.8	411.0	347.0	307.8	305.9	370.2
DISEASES OF HEART	330.6	248.2	306.2	363.2	285.0	315.6	312.9	314.5	265.0	263.6	210.9	289.4
RHEUMATIC FEVER AND HEART DISEASE	0.0	2.1	3.4	2.2	0.0	0.0	4.2	0.0	0.0	6.9	4.5	2.2
HYPERTENSIVE HEART DISEASE	11.0	2.1	8.4	12.0	12.0	6.1	11.9	17.7	8.6	8.9	10.6	9.9
HYPERTENSIVE HEART AND RENAL DISEASE	0.0	2.1	2.3	0.0	0.0	0.0	0.0	4.0	3.3	0.0	0.0	1.4
ISCHEMIC HEART DISEASE	226.2	160.5	171.9	179.5	140.5	227.4	229.2	185.2	167.9	150.2	133.1	177.6
ACUTE MYOCARDIAL INFARCTION	115.0	77.0	84.8	136.9	68.0	94.5	127.3	121.6	84.3	57.0	68.3	92.8
OTHER ACUTE AND SUBACUTE FORMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.5
ANGINA PECTORIS	0.0	2.1	3.5	0.0	0.0	1.5	0.0	2.6	1.6	0.0	0.0	1.4
CHRONIC ISCHEMIC HEART DISEASE	111.2	81.5	83.7	42.6	72.5	131.4	101.9	61.0	76.8	93.2	64.8	82.8
OTHER DISEASES OF ENDOCARDIUM	0.0	6.6	8.0	0.0	10.4	14.0	0.0	8.7	6.5	8.7	9.0	7.4
ALL OTHER FORMS OF HEART DISEASE	93.4	74.8	112.1	169.5	122.0	68.1	67.4	98.7	78.8	88.9	53.7	91.0
HYPERTENSION	0.0	0.0	1.2	0.0	0.0	3.0	8.1	1.4	3.4	2.3	0.0	1.6
CEREBROVASCULAR DISEASES	36.2	62.6	63.1	59.5	93.8	46.8	43.4	72.9	60.1	29.0	57.5	56.9
INTRACRANIAL HEMORRHAGE	7.1	0.0	4.6	4.7	5.2	6.3	0.0	9.8	6.7	0.0	7.7	5.2
CEREBRAL THROMBOSIS AND OCCLUSION	0.0	6.8	2.3	0.0	0.0	3.2	8.1	27.5	16.3	4.3	3.0	7.7
CEREBRAL EMBOLISM	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	1.8	0.0	1.6	0.5
OTHER CEREBROVASCULAR DISEASES	29.2	55.8	56.2	54.8	88.6	37.3	31.1	35.6	35.3	24.7	45.2	43.4

TABLE 37 (CONT)
1988 VERMONT RESIDENT DEATHS
AGE-ADJUSTED RATES PER 100,000 POPULATION

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	AGE-ADJUSTED RATES											CRUDE DEATH RATES
	ADDIS	BENN	CHIT	FR/GI	LAM	N.E.K.	ORANG	RUTL	WASH	WINDH	WINDS	
ATHEROSCLEROSIS	7.4	4.3	6.8	21.8	5.7	3.1	8.1	5.3	9.9	2.2	20.8	8.8
OTHER DISEASES OF ARTERIES	24.4	20.3	8.9	16.6	0.0	12.4	12.4	16.9	8.6	10.7	16.7	13.5
ACUTE BRONCHITIS	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.2
PNEUMONIA AND INFLUENZA	22.0	37.8	25.5	17.0	43.1	32.8	55.8	20.6	43.4	51.6	33.9	32.9
PNEUMONIA	18.2	35.7	25.5	17.0	30.5	31.2	55.8	20.6	43.4	47.3	33.9	31.6
INFLUENZA	3.7	2.1	0.0	0.0	12.6	1.6	0.0	0.0	0.0	4.3	0.0	1.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	21.6	61.6	38.0	35.7	67.2	65.2	47.2	27.0	47.1	59.3	42.5	45.1
BRONCHITIS	0.0	8.4	1.1	0.0	0.0	3.1	3.8	0.0	0.0	2.3	1.5	1.8
EMPHYSEMA	10.5	2.1	8.0	0.0	10.2	1.8	15.7	4.3	6.8	19.5	10.7	7.4
ASTHMA	0.0	0.0	0.8	0.0	5.2	0.0	0.0	1.6	1.8	2.2	4.5	1.4
OTHER	11.0	51.2	28.0	35.7	51.8	60.3	27.6	21.1	38.5	35.3	25.9	34.5
ULCER OF STOMACH AND DUODENUM	3.4	0.0	3.1	0.0	6.3	4.9	0.0	5.4	1.8	0.0	4.5	2.9
APPENDICITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0.0	2.1	0.0	4.6	11.5	3.1	4.2	1.4	1.8	0.0	1.5	2.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	10.3	17.9	10.5	9.3	0.0	12.4	15.5	16.0	7.1	13.8	6.5	11.0
GALLBLADDER DISORDERS	0.0	4.5	2.3	4.6	0.0	0.0	0.0	0.0	1.8	0.0	0.0	1.3
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	6.7	10.4	4.2	4.9	12.6	6.2	8.0	6.9	11.6	10.6	10.4	8.1
ACUTE GLOMERULONEPHRITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHRONIC GLOMERULONEPHRITIS	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4
RENAL FAILURE	6.7	10.4	3.5	4.9	12.6	6.2	8.0	6.9	11.6	10.6	9.0	7.7
INFECTIONS OF KIDNEY	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.3	0.0	2.1	0.0	0.5
HYPERPLASIA OF PROSTRATE	0.0	0.0	0.0	2.3	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.4
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.2
PREGNANCY WITH ABORTIVE OUTCOME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER COMPLICATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.2
CONGENITAL ANOMALIES	3.2	2.1	7.8	2.5	0.0	5.3	11.4	3.4	1.9	2.2	1.9	4.1
CERTAIN PERINATAL CONDITIONS	2.9	0.0	3.0	2.1	5.1	3.7	3.8	3.4	5.6	9.5	5.8	3.9
BIRTH TRAUMA	0.0	0.0	1.5	2.1	0.0	1.9	3.8	1.7	1.9	0.0	3.9	1.6
OTHER PERINATAL CONDITIONS	2.9	0.0	1.5	0.0	5.1	1.9	0.0	1.7	3.7	9.5	1.9	2.3
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	2.9	7.9	6.5	0.0	0.0	1.9	7.6	8.7	1.6	10.9	4.5	5.2
ALL OTHER DISEASES	60.7	66.6	75.1	52.2	86.6	76.3	60.8	68.7	85.4	56.1	72.3	70.6
ACCIDENTS AND ADVERSE EFFECTS	43.2	56.5	25.3	50.7	43.2	49.1	45.2	45.8	48.6	27.0	55.5	41.7
MOTOR VEHICLE ACCIDENTS	22.8	23.1	8.8	31.6	27.4	21.3	21.3	28.3	22.1	17.9	32.4	20.6
ALL OTHER ACCIDENTS	20.4	33.4	16.5	19.1	15.8	27.8	23.9	17.4	26.5	9.2	23.1	21.0
SUICIDE	12.5	19.0	16.1	26.5	27.0	19.4	19.8	12.3	17.5	13.8	16.0	17.1
HOMICIDE AND LEGAL INTERVENTION	3.0	0.0	2.5	0.0	0.0	3.8	4.1	1.6	3.7	3.0	0.0	2.0
ALL OTHER EXTERNAL CAUSES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.2
ALL CAUSES	786.5	854.1	823.5	868.8	903.0	926.0	894.9	838.5	841.4	783.2	773.4	836.6

NOTES:
* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.
AGE-ADJUSTED RATES ADJUST THE COUNTY AGE-SPECIFIC RATES TO THE 1988 VERMONT AGE DISTRIBUTION
FR/GI COMBINES THE COUNTIES OF FRANKLIN & GRAND ISLE
N.E.K. COMBINES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 38
1988 VERMONT RESIDENT DEATHS

AGE AT DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	LT 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS	0	0	0	0	0	0	0	0	0	1	0	1
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	1	0	1
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	1	1	0	0	0	0	0	0	1	0	3
SEPTICEMIA	0	0	0	0	0	0	0	2	12	17	13	44
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	0	0	0	0	0	1	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	0	0	0	0	4	2	1	1	3	1	3	15
MALIGNANT NEOPLASMS	0	0	2	6	13	21	72	168	313	282	143	1020
OF LIP, ORAL CAVITY AND PHARYNX	0	0	0	0	0	0	4	4	3	2	0	13
OF DIGESTIVE ORGANS AND PERITONEUM	0	0	0	1	3	0	8	32	67	74	43	228
OF RESPIRATORY AND INTRATHORACIC ORGANS	0	0	0	0	1	5	22	57	92	65	21	263
OF BREAST	0	0	0	0	1	5	10	20	27	24	18	105
OF GENITAL ORGANS	0	0	0	1	1	0	3	17	41	51	20	134
OF URINARY ORGANS	0	0	0	0	1	1	3	8	14	12	9	48
OF OTHER AND UNSPECIFIED SITES	0	0	1	3	3	5	11	20	35	26	11	115
LEUKEMIA	0	0	1	1	1	3	5	1	8	8	12	40
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	0	0	0	0	2	2	6	9	26	20	9	74
BENIGN NEOPLASMS	0	0	0	0	1	2	2	3	7	6	0	21
DIABETES MELLITUS	0	0	0	0	0	5	4	7	26	22	29	93
NUTRITIONAL DEFICIENCIES	0	0	0	0	0	0	0	0	0	1	3	4
ANEMIAS	0	0	0	0	0	0	0	1	1	2	4	8
MENINGITIS	0	1	0	0	0	0	0	0	0	0	0	1
MAJOR CARDIOVASCULAR DISEASES	3	3	1	2	4	34	70	192	423	640	690	2062
DISEASES OF HEART	3	3	1	2	3	30	60	166	336	495	513	1612
RHEUMATIC FEVER AND HEART DISEASE	0	0	0	0	0	2	0	2	2	3	3	12
HYPERTENSIVE HEART DISEASE	0	0	0	0	0	2	1	3	16	18	15	55
HYPERTENSIVE HEART AND RENAL DISEASE	0	0	0	0	0	0	0	0	0	2	6	8
ISCHEMIC HEART DISEASE	0	0	0	0	3	17	44	115	243	312	255	989
ACUTE MYOCARDIAL INFARCTION	0	0	0	0	0	11	26	71	146	164	99	517
OTHER ACUTE AND SUBACUTE FORMS	0	0	0	0	0	0	1	0	1	0	1	3
ANGINA PECTORIS	0	0	0	0	0	0	0	0	0	5	3	8
CHRONIC ISCHEMIC HEART DISEASE	0	0	0	0	3	6	17	44	96	143	152	461
OTHER DISEASES OF ENDOCARDIUM	0	0	0	0	0	1	1	1	7	14	17	41
ALL OTHER FORMS OF HEART DISEASE	3	3	1	2	0	8	14	45	68	146	217	507
HYPERTENSION	0	0	0	0	0	0	0	1	4	2	2	9
CEREBROVASCULAR DISEASES	0	0	0	0	1	2	7	15	56	107	129	317
INTRACRANIAL HEMORRHAGE	0	0	0	0	0	0	2	4	4	14	5	29
CEREBRAL THROMBOSIS AND OCCLUSION	0	0	0	0	0	0	0	1	9	16	17	43
CEREBRAL EMBOLISM	0	0	0	0	0	0	0	1	1	0	1	3
OTHER CEREBROVASCULAR DISEASES	0	0	0	0	1	2	5	9	42	77	106	242

TABLE 38 (CONT)
1988 VERMONT RESIDENT DEATHS

AGE AT DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	LT 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
ATHEROSCLEROSIS	0	0	0	0	0	0	1	0	10	13	25	49
OTHER DISEASES OF ARTERIES	0	0	0	0	0	2	2	10	17	23	21	75
ACUTE BRONCHITIS	0	0	0	0	0	0	0	0	0	0	1	1
PNEUMONIA AND INFLUENZA	2	0	0	1	1	0	6	5	16	59	93	183
PNEUMONIA	2	0	0	1	1	0	6	5	16	56	89	176
INFLUENZA	0	0	0	0	0	0	0	0	0	3	4	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	0	0	0	0	0	5	8	19	62	115	42	251
BRONCHITIS	0	0	0	0	0	1	0	0	1	4	4	10
EMPHYSEMA	0	0	0	0	0	1	2	3	12	17	6	41
ASTHMA	0	0	0	0	0	2	1	0	2	3	0	8
OTHER	0	0	0	0	0	1	5	16	47	91	32	192
ULCER OF STOMACH AND DUODENUM	0	0	0	0	0	1	1	1	4	2	7	16
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	0	0	0	0	0	0	0	1	2	2	6	11
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0	0	0	0	7	8	12	17	15	2	61
GALLBLADDER DISORDERS	0	0	0	0	0	0	0	0	4	0	3	7
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	1	0	0	0	1	0	0	1	6	19	17	45
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS	0	0	0	0	1	0	0	0	1	0	0	2
RENAL FAILURE	1	0	0	0	0	0	0	1	5	19	17	43
INFECTIONS OF KIDNEY	0	0	0	0	0	0	0	0	0	0	3	3
HYPERPLASIA OF PROSTRATE	0	0	0	0	0	0	0	0	1	1	0	2
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	0	0	0	1	0	0	0	0	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	0	0	0	0	1	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	12	2	1	0	1	0	2	0	1	4	0	23
CERTAIN PERINATAL CONDITIONS	22	0	0	0	0	0	0	0	0	0	0	22
BIRTH TRAUMA	9	0	0	0	0	0	0	0	0	0	0	9
OTHER PERINATAL CONDITIONS	13	0	0	0	0	0	0	0	0	0	0	13
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	10	0	0	0	1	2	0	0	1	4	11	29
ALL OTHER DISEASES	0	0	2	5	3	10	9	34	66	115	149	393
ACCIDENTS AND ADVERSE EFFECTS	3	9	2	47	45	26	17	14	26	24	19	232
MOTOR VEHICLE ACCIDENTS	0	3	2	40	30	16	5	7	7	4	1	115
ALL OTHER ACCIDENTS	3	6	0	7	15	10	12	7	19	20	18	117
SUICIDE	0	0	1	12	19	15	14	12	7	13	2	95
HOMICIDE AND LEGAL INTERVENTION	0	0	1	3	3	2	1	0	0	1	0	11
ALL OTHER EXTERNAL CAUSES	0	1	0	0	0	0	0	0	0	0	0	1
ALL CAUSES	53	17	11	76	97	132	215	473	999	1347	1240	4660

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 39
1988 VERMONT RESIDENT DEATHS

MONTH of DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	1	1
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	1	1
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	0	0	0	0	2	0	0	0	1	0	0	3
SEPTICEMIA	8	2	3	4	3	5	4	7	1	2	2	3	44
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	0	1	0	0	0	0	0	0	0	1
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	1	0	0	0	3	2	1	3	1	2	0	2	15
MALIGNANT NEOPLASMS	68	72	79	94	82	85	95	79	85	117	78	86	1020
OF LIP, ORAL CAVITY AND PHARYNX	1	1	0	3	1	1	0	1	2	1	2	0	13
OF DIGESTIVE ORGANS AND PERITONEUM	10	16	18	21	24	11	19	16	23	24	25	21	228
OF RESPIRATORY AND INTRATHORACIC ORGANS	19	24	22	28	13	29	28	13	22	28	13	24	263
OF BREAST	10	7	10	8	8	8	8	10	4	8	9	15	105
OF GENITAL ORGANS	6	9	7	17	10	11	16	12	6	20	9	11	134
OF URINARY ORGANS	7	2	5	3	3	4	5	5	5	6	0	3	48
OF OTHER AND UNSPECIFIED SITES	6	9	10	7	14	10	7	9	10	14	10	9	115
LEUKEMIA	2	3	4	4	2	4	8	5	3	2	3	0	40
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	7	1	3	3	7	7	4	8	10	14	7	3	74
BENIGN NEOPLASMS	1	3	5	1	2	1	2	1	2	0	1	2	21
DIABETES MELLITUS	9	10	9	5	7	6	7	6	5	12	9	8	93
NUTRITIONAL DEFICIENCIES	0	0	1	0	0	0	0	1	0	1	1	0	4
ANEMIAS	1	1	0	1	1	2	0	0	1	1	0	0	8
MENINGITIS	0	0	0	0	0	0	0	0	0	0	0	1	1
MAJOR CARDIOVASCULAR DISEASES	182	174	185	183	179	157	158	177	167	180	156	164	2062
DISEASES OF HEART	147	126	143	141	140	130	129	139	127	137	119	134	1612
RHEUMATIC FEVER AND HEART DISEASE	2	3	0	1	2	0	1	1	0	1	1	0	12
HYPERTENSIVE HEART DISEASE	4	4	4	7	2	4	5	4	5	3	3	5	55
HYPERTENSIVE HEART AND RENAL DISEASE	1	3	1	0	0	0	0	1	1	0	0	1	8
ISCHEMIC HEART DISEASE	97	72	82	90	94	86	75	81	82	69	76	85	989
ACUTE MYOCARDIAL INFARCTION	53	37	43	49	54	42	34	35	49	40	32	49	517
OTHER ACUTE AND SUBACUTE FORMS	0	0	0	0	1	1	1	0	0	0	0	0	3
ANGINA PECTORIS	0	3	0	1	1	1	0	0	1	0	0	1	8
CHRONIC ISCHEMIC HEART DISEASE	44	32	39	40	38	42	40	46	32	29	44	35	461
OTHER DISEASES OF ENDOCARDIUM	3	7	10	5	2	0	1	1	3	3	3	3	41
ALL OTHER FORMS OF HEART DISEASE	40	37	46	38	40	40	47	51	36	56	36	40	507
HYPERTENSION	1	1	0	0	0	1	3	0	1	2	0	0	9
CEREBROVASCULAR DISEASES	25	33	33	28	28	15	23	31	29	25	28	19	317
INTRACRANIAL HEMORRHAGE	2	1	3	6	3	1	1	3	3	1	2	3	29
CEREBRAL THROMBOSIS AND OCCLUSION	2	4	6	4	6	4	6	3	3	1	4	0	43
CEREBRAL EMBOLISM	1	0	0	1	0	0	0	0	0	1	0	0	3
OTHER CEREBROVASCULAR DISEASES	20	28	24	17	19	10	16	25	23	22	22	16	242

TABLE 39 (CONT)
1988 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ATHEROSCLEROSIS	6	6	7	4	2	5	1	3	3	5	1	6	49
OTHER DISEASES OF ARTERIES	3	8	2	10	9	6	2	4	7	11	8	5	75
ACUTE BRONCHITIS	0	0	0	0	0	0	0	0	0	0	0	1	1
PNEUMONIA AND INFLUENZA	16	17	27	15	11	7	9	18	4	14	18	27	183
PNEUMONIA	16	16	23	13	11	7	9	18	4	14	18	27	176
INFLUENZA	0	1	4	2	0	0	0	0	0	0	0	0	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	23	27	22	14	22	21	20	21	17	23	21	20	251
BRONCHITIS	0	1	1	2	2	0	2	0	0	1	0	1	10
EMPHYSEMA	4	4	2	1	3	5	4	3	4	4	5	2	41
ASTHMA	1	1	2	0	1	1	1	0	1	0	0	0	8
OTHER	18	21	17	11	16	15	13	18	12	18	16	17	192
ULCER OF STOMACH AND DUODENUM	1	2	2	1	0	3	0	2	2	1	0	1	16
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	3	2	0	0	0	1	0	1	1	2	0	1	11
CHRONIC LIVER DISEASE AND CIRRHOSIS	7	6	6	4	4	4	7	4	4	3	6	6	61
GALLBLADDER DISORDERS	1	0	0	0	1	1	1	0	0	1	2	0	7
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	4	2	8	6	2	4	3	4	1	5	1	5	45
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRONIC GLOMERULONEPHRITIS	0	0	1	0	0	0	0	0	0	1	0	0	2
RENAL FAILURE	4	2	7	6	2	4	3	4	1	4	1	5	43
INFECTIONS OF KIDNEY	0	0	0	1	0	0	0	0	0	1	1	0	3
HYPERPLASIA OF PROSTRATE	0	1	0	0	0	0	0	0	0	0	0	1	2
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	1	0	0	0	0	0	0	0	0	0	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	1	0	0	0	0	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	3	2	1	2	1	0	2	4	1	2	4	1	23
CERTAIN PERINATAL CONDITIONS	0	3	3	0	2	4	0	2	3	1	1	3	22
BIRTH TRAUMA	0	1	0	0	1	1	0	1	2	1	0	2	9
OTHER PERINATAL CONDITIONS	0	2	3	0	1	3	0	1	1	0	1	1	13
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	3	2	2	3	3	0	2	6	1	2	3	2	29
ALL OTHER DISEASES	40	53	32	29	39	23	33	26	30	29	34	25	393
ACCIDENTS AND ADVERSE EFFECTS	28	14	8	26	17	15	11	24	18	22	23	26	232
MOTOR VEHICLE ACCIDENTS	11	8	3	12	9	7	6	15	9	13	16	6	115
ALL OTHER ACCIDENTS	17	6	5	14	8	8	5	9	9	9	7	20	117
SUICIDE	4	7	11	6	3	7	9	12	8	12	7	9	95
HOMICIDE AND LEGAL INTERVENTION	0	1	0	1	1	0	1	2	0	1	2	2	11
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0	1	0	0	0	1
ALL CAUSES	404	401	404	396	384	350	365	401	353	435	370	397	4660

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 40
1988 VERMONT RESIDENT DEATHS

ASSIGNMENT OF SELECTED CAUSES AS THE UNDERLYING CAUSE OF DEATH OR AS A MULTIPLE CAUSE OF DEATH AND THE RATIO OF MULTIPLE TO UNDERLYING CAUSES
DEATHS WHERE DISEASE IS:

SELECTED CAUSE*	ASSIGNED AS THE UNDERLYING CAUSE OF DEATH #	% OF ALL DEATHS	MENTIONED AS A MULTIPLE CAUSE OF DEATH #	% OF ALL DEATHS	RATIO (MENTION TO UNDERLYING)
SHIGELLOSIS AND AMEBIASIS	0	0.0	0	0.0	----
CERTAIN OTHER INTESTINAL INFECTIONS	0	0.0	0	0.0	----
TUBERCULOSIS	1	0.0	5	0.1	5.00
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0.0	3	0.1	----
OTHER TUBERCULOSIS	1	0.0	2	0.0	2.00
WHOOPING COUGH	0	0.0	0	0.0	----
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0.0	0	0.0	----
MENINGOCOCCAL INFECTION	3	0.1	3	0.1	1.00
SEPTICEMIA	44	0.9	234	5.0	5.32
ACUTE POLIOMYELITIS	0	0.0	0	0.0	----
MEASLES	0	0.0	0	0.0	----
VIRAL HEPATITIS	1	0.0	1	0.0	1.00
SYPHILIS	0	0.0	0	0.0	----
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	15	0.3	34	0.7	2.27
MALIGNANT NEOPLASMS	1020	21.9	1205	25.9	1.18
OF LIP, ORAL CAVITY AND PHARYNX	13	0.3	19	0.4	1.46
OF DIGESTIVE ORGANS AND PERITONEUM	228	4.9	283	6.1	1.24
OF RESPIRATORY AND INTRATHORACIC ORGANS	263	5.6	288	6.2	1.10
OF BREAST	105	2.3	141	3.0	1.34
OF GENITAL ORGANS	134	2.9	180	3.9	1.34
OF URINARY ORGANS	48	1.0	61	1.3	1.27
OF OTHER AND UNSPECIFIED SITES	115	2.5	355	7.6	3.09
LEUKEMIA	40	0.9	54	1.2	1.35
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	74	1.6	84	1.8	1.14
BENIGN NEOPLASMS	21	0.5	45	1.0	2.14
DIABETES MELLITUS	93	2.0	381	8.2	4.10
NUTRITIONAL DEFICIENCIES	4	0.1	88	1.9	22.00
ANEMIAS	8	0.2	112	2.4	14.00
MENINGITIS	1	0.0	4	0.1	4.00
MAJOR CARDIOVASCULAR DISEASES	2062	44.2	2979	63.9	1.44
DISEASES OF HEART	1612	34.6	2551	54.7	1.58
RHEUMATIC FEVER AND HEART DISEASE	12	0.3	27	0.6	2.25
HYPERTENSIVE HEART DISEASE	55	1.2	99	2.1	1.80
HYPERTENSIVE HEART AND RENAL DISEASE	8	0.2	11	0.2	1.38
ISCHEMIC HEART DISEASE	989	21.2	1237	26.5	1.25
ACUTE MYOCARDIAL INFARCTION	517	11.1	578	12.4	1.12
OTHER ACUTE AND SUBACUTE FORMS	3	0.1	14	0.3	4.67
ANGINA PECTORIS	8	0.2	32	0.7	4.00
CHRONIC ISCHEMIC HEART DISEASE	461	9.9	878	18.8	1.90
OTHER DISEASES OF ENDOCARDIUM	41	0.9	92	2.0	2.24
ALL OTHER FORMS OF HEART DISEASE	507	10.9	2066	44.3	4.07
HYPERTENSION	9	0.2	248	5.3	27.56

TABLE 40 (CONT)
1988 VERMONT RESIDENT DEATHS

ASSIGNMENT OF SELECTED CAUSES AS THE UNDERLYING CAUSE OF DEATH OR AS A MULTIPLE CAUSE OF DEATH AND THE RATIO OF MULTIPLE TO UNDERLYING CAUSES

DEATHS WHERE DISEASE IS:

SELECTED CAUSE*	ASSIGNED AS THE UNDERLYING CAUSE OF DEATH #	ASSIGNED AS THE UNDERLYING CAUSE OF DEATH % OF ALL DEATHS	MENTIONED AS A MULTIPLE CAUSE OF DEATH #	MENTIONED AS A MULTIPLE CAUSE OF DEATH % OF ALL DEATHS	RATIO (MENTION TO UNDERLYING)
CEREBROVASCULAR DISEASES	317	6.8	624	13.4	1.97
INTRACRANIAL HEMORRHAGE	29	0.6	53	1.1	1.83
CEREBRAL THROMBOSIS AND OCCLUSION	43	0.9	61	1.3	1.42
CEREBRAL EMBOLISM	3	0.1	5	0.1	1.67
OTHER CEREBROVASCULAR DISEASES	242	5.2	524	11.2	2.17
ATHEROSCLEROSIS	49	1.1	224	4.8	4.57
OTHER DISEASES OF ARTERIES	75	1.6	134	2.9	1.79
ACUTE BRONCHITIS	1	0.0	5	0.1	5.00
PNEUMONIA AND INFLUENZA	183	3.9	572	12.3	3.13
PNEUMONIA	176	3.8	564	12.1	3.20
INFLUENZA	7	0.2	8	0.2	1.14
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	251	5.4	605	13.0	2.41
BRONCHITIS	10	0.2	25	0.5	2.50
EMPHYSEMA	41	0.9	78	1.7	1.90
ASTHMA	8	0.2	14	0.3	1.75
OTHER	192	4.1	488	10.5	2.54
ULCER OF STOMACH AND DUODENUM	16	0.3	39	0.8	2.44
APPENDICITIS	0	0.0	3	0.1	----
HERNIA AND INTESTINAL OBSTRUCTION	11	0.2	44	0.9	4.00
CHRONIC LIVER DISEASE AND CIRRHOSIS	61	1.3	86	1.8	1.41
GALLBLADDER DISORDERS	7	0.2	26	0.6	3.71
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	45	1.0	272	5.8	6.04
ACUTE GLOMERULONEPHRITIS	0	0.0	1	0.0	----
CHRONIC GLOMERULONEPHRITIS	2	0.0	13	0.3	6.50
RENAL FAILURE	43	0.9	261	5.6	6.07
INFECTIONS OF KIDNEY	3	0.1	11	0.2	3.67
HYPERPLASIA OF PROSTRATE	2	0.0	11	0.2	5.50
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	1	0.0	1	0.0	1.00
PREGNANCY WITH ABORTIVE OUTCOME	0	0.0	0	0.0	----
OTHER COMPLICATIONS	1	0.0	1	0.0	1.00
CONGENITAL ANOMALIES	23	0.5	33	0.7	1.43
CERTAIN PERINATAL CONDITIONS	22	0.5	31	0.7	1.41
BIRTH TRAUMA	9	0.2	10	0.2	1.11
OTHER PERINATAL CONDITIONS	13	0.3	31	0.7	2.38
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	29	0.6	998	21.4	34.41
ALL OTHER DISEASES	393	8.4	1612	34.6	4.10
ACCIDENTS AND ADVERSE EFFECTS	232	5.0	410	8.8	1.77
MOTOR VEHICLE ACCIDENTS	115	2.5	118	2.5	1.03
ALL OTHER ACCIDENTS	117	2.5	293	6.3	2.50
SUICIDE	95	2.0	95	2.0	1.00
HOMICIDE AND LEGAL INTERVENTION	11	0.2	11	0.2	1.00
ALL OTHER EXTERNAL CAUSES	1	0.0	1	0.0	1.00
TOTAL	4660	100.0	13734 **	100.00	2.95

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.
** A GIVEN DEATH MAY BE COUNTED MORE THAN ONCE IN THIS TOTAL

TABLE 41
1988 VERMONT RESIDENT DEATHS
DUE TO AN EXTERNAL CAUSE

DEATHS DUE TO
AN EXTERNAL CAUSE OF DEATH BY NATURE OF INJURY

NATURE OF INJURY *	EXTERNAL CAUSES OF DEATH				
	MOTOR VEHICLE ACCIDENT	OTHER ACCIDENT	SUICIDE	HOMICIDE	OTHER EXTERNAL CAUSE
FRACTURE, SPRAIN & DISLOCATION	43	30	3	0	0
INTRACRANIAL INJURY	65	25	30	10	0
INTERNAL INJURY	72	13	15	5	1
OPEN WOUND & INJURY TO BLOOD VESSELS	18	3	85	12	0
SUPERFICIAL INJURY	1	1	0	0	0
EFFECTS OF FOREIGN BODY	0	12	1	0	0
BURNS	0	1	1	0	0
INJURY TO NERVES & SPINAL CORD	4	2	0	0	0
POISONING	0	10	12	0	0
TOXIC EFFECTS OF NONMEDICINAL SUBSTANCE	3	31	8	0	0
LATE EFFECTS OF INJURY, POISONING, & TOXICS	0	0	0	0	0
TRAUMATIC COMPLICATION & UNSPECIFIED INJURY	39	18	3	1	0
OTHER INJURY	0	31	10	1	0
TOTAL DEATHS DUE TO AN EXTERNAL CAUSE *	115	117	95	11	1

* DOES NOT SUM TO TOTAL BECAUSE A GIVEN EXTERNAL CAUSE MAY HAVE MORE THAN ONE NATURE OF INJURY MENTIONED.
* SEE APPENDIX D FOR COMPLETE INJURY CLASSIFICATION AND CODES

TABLE 42
1988 VERMONT RESIDENT ACCIDENTAL DEATHS

WEEKDAY OF DEATH* BY PLACE OF ACCIDENT
NUMBER OF EVENTS AND ROW PERCENTS

NUMBER OF EVENTS

PLACE OF ACCIDENT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
HOME	4	2	3	6	8	5	8	36
FARM	0	1	0	0	0	1	0	2
MINE AND QUARRY	0	1	0	0	0	0	0	1
INDUSTRIAL	0	1	1	0	0	2	0	4
PLACE OF RECREATION	0	0	1	1	0	2	0	4
STREET, SIDEWALK	13	12	7	16	24	17	20	109
PUBLIC BUILDING	0	0	0	0	2	0	0	2
RESIDENT INSTITUTION	1	0	0	0	1	1	0	3
FIELD OR FOREST	0	0	1	0	2	0	1	4
LAKE OR RIVER	0	1	0	0	0	0	0	1
OTHER PLACES	6	2	2	0	0	1	2	13
UNKNOWN	4	9	5	7	11	9	8	53
TOTAL	28	29	20	30	48	38	39	232

ROW PERCENTS

PLACE OF ACCIDENT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
HOME	11.1	5.6	8.3	16.6	22.2	13.9	22.2	100.0
FARM	0.0	50.0	0.0	0.0	0.0	50.0	0.0	100.0
MINE AND QUARRY	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
INDUSTRIAL	0.0	25.0	25.0	0.0	0.0	50.0	0.0	100.0
PLACE OF RECREATION	0.0	0.0	25.0	25.0	0.0	50.0	0.0	100.0
STREET, SIDEWALK	11.9	11.0	6.4	14.7	22.0	15.6	18.4	100.0
PUBLIC BUILDING	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0
RESIDENT INSTITUTION	33.3	0.0	0.0	0.0	33.3	33.3	0.0	100.0
FIELD OR FOREST	0.0	0.0	25.0	0.0	50.0	0.0	25.0	100.0
LAKE OR RIVER	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
OTHER PLACES	46.1	15.4	15.4	0.0	0.0	7.7	15.4	100.0
UNKNOWN	7.6	17.0	9.4	13.2	20.8	17.0	15.1	100.0
TOTAL	12.1	12.5	8.6	12.9	20.7	16.4	16.8	100.0

* NOTE: THE WEEKDAY OF DEATH IS NOT NECESSARILY THE WEEKDAY OF ACCIDENT.
PLACE CODES: HOME: INCLUDING HOME PREMISES AND ANY NON-INSTITUTIONAL PLACE OF RESIDENCE AND EXCLUDING TEMPORARY RECREATIONAL SHELTERS, SUCH AS TRAVEL TRAILERS, TENTS, AND HUNTING CABINS.
FARM: INCLUDING BUILDINGS AND LAND UNDER CULTIVATION BUT EXCLUDING THE FARM HOUSE.
MINE AND QUARRY: INCLUDING GRAVEL, SAND PITS, AND ABANDONED MINES.
INDUSTRIAL: INCLUDING MANUFACTURING, CONSTRUCTION, AND OTHER PLACES OF AN INDUSTRIAL NATURE.
RECREATIONAL: INCLUDING ALL PLACES OF RECREATION.
STREET, HIGHWAY, AND SIDEWALKS: EXCLUDING ACCIDENTS ON HOME PREMISES SIDEWALKS.
PUBLIC BUILDINGS: INCLUDING INJURY TO PEOPLE OTHER THAN THOSE INVOLVED IN CONSTRUCTION WORK.
FIELD OR FOREST: EXCLUDING PART OF FARM OR RECREATIONAL SITE.
LAKE, RIVER, OR STREAM: WHEN NOT A RECREATIONAL SITE.

TABLE 43
1988 VERMONT RESIDENT ACCIDENTAL DEATHS

AGE AT DEATH BY PLACE OF ACCIDENT AND SEX

TOTAL
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	1	4	0	5	9	1	3	2	5	3	3	36
FARM	0	1	0	0	1	0	0	0	0	0	0	2
MINE AND QUARRY	0	0	0	0	0	0	0	1	0	0	0	1
INDUSTRIAL	0	0	0	1	1	1	1	0	0	0	0	4
PLACE OF RECREATION	0	0	0	0	0	1	3	0	0	0	0	4
STREET, SIDEWALK	0	3	2	37	28	16	4	7	7	4	1	109
PUBLIC BUILDING	0	0	0	0	0	1	0	0	0	1	0	2
RESIDENT INSTITUTION	0	0	0	0	0	0	0	0	2	0	1	3
FIELD OR FOREST	0	0	0	0	0	1	3	0	0	0	0	4
LAKE OR RIVER	0	0	0	0	1	0	0	0	0	0	0	1
OTHER PLACES	0	1	0	1	2	2	2	3	1	1	0	13
UNKNOWN	2	0	0	3	3	3	1	1	11	15	14	53
TOTAL	3	9	2	47	45	26	17	14	26	24	19	232

MALE
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	1	2	0	1	8	1	3	1	5	1	1	24
FARM	0	0	0	0	1	0	0	0	0	0	0	1
MINE AND QUARRY	0	0	0	0	0	0	0	1	0	0	0	1
INDUSTRIAL	0	0	0	1	1	1	1	0	0	0	0	4
PLACE OF RECREATION	0	0	0	0	0	1	2	0	0	0	0	3
STREET, SIDEWALK	0	2	0	29	18	10	2	2	4	1	1	69
PUBLIC BUILDING	0	0	0	0	0	1	0	0	0	0	0	1
FIELD OR FOREST	0	0	0	0	0	0	3	0	0	0	0	3
LAKE OR RIVER	0	0	0	0	1	0	0	0	0	0	0	1
OTHER PLACES	0	1	0	1	2	2	1	1	1	1	0	10
UNKNOWN	1	0	0	3	1	1	1	0	8	8	7	30
TOTAL	2	5	0	35	32	17	13	5	18	11	9	147

FEMALE
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	0	2	0	4	1	0	0	1	0	2	2	12
FARM	0	1	0	0	0	0	0	0	0	0	0	1
PLACE OF RECREATION	0	0	0	0	0	0	1	0	0	0	0	1
STREET, SIDEWALK	0	1	2	8	10	6	2	5	3	3	0	40
PUBLIC BUILDING	0	0	0	0	0	0	0	0	0	1	0	1
RESIDENT INSTITUTION	0	0	0	0	0	0	0	0	2	0	1	3
FIELD OR FOREST	0	0	0	0	0	1	0	0	0	0	0	1
OTHER PLACES	0	0	0	0	0	0	1	2	0	0	0	3
UNKNOWN	1	0	0	0	2	2	0	1	3	7	7	23
TOTAL	1	4	2	12	13	9	4	9	8	13	10	85

TABLE 44
1988 VERMONT DEATHS

COUNTY OF RESIDENCE BY PLACE OF DEATH

COUNTY OF RESIDENCE

PLACE OF DEATH*	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
AT HOME	41	73	57	149	13	53	11	24	48	50	95	107	54	83	4	862
FANNY ALLEN	6	1	0	107	0	7	0	0	0	0	3	3	0	1	6	134
BRATTLEBORO	0	1	0	0	0	0	0	0	0	0	0	0	68	0	32	101
COPLEY	1	0	8	2	0	2	0	55	0	4	0	0	0	0	3	75
GIFFORD MEMORIAL	2	0	0	1	0	0	0	0	32	1	1	2	0	21	2	62
NORTHWESTERN MED CTR	0	0	0	4	0	116	5	0	0	0	1	0	0	0	4	130
MEDICAL CTR. (MCHV)	48	1	6	299	1	49	17	21	6	6	18	32	4	0	134	642
NORTH COUNTRY	0	0	2	0	6	0	0	0	0	99	0	0	0	0	4	111
PORTER	63	0	0	0	0	1	0	0	0	0	3	0	0	0	5	72
SOUTHWESTERN MED CTR	0	141	0	2	0	0	0	0	0	0	1	0	6	0	81	231
ROCKINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	35	0	22	57
RUTLAND	5	13	1	0	0	0	0	0	1	0	273	0	1	4	31	329
SPRINGFIELD	0	4	0	0	0	1	0	0	0	0	1	0	9	74	11	100
MT. ASCUTNEY	0	0	0	1	0	0	0	0	0	2	0	0	0	45	4	52
CENTRAL VERMONT	0	0	1	3	0	0	1	4	17	0	1	152	1	1	8	189
N.E. VT. REGIONAL	0	0	64	0	5	0	0	1	2	4	0	0	0	0	1	77
GRACE COTTAGE	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	24
VETERAN'S ADMIN	0	3	6	3	3	2	1	1	9	2	5	4	12	24	94	169
VT. STATE HOSPITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHYSICIAN'S OFFICE	0	2	0	0	0	0	0	0	0	0	1	1	0	2	4	10
NURSING HOMES	29	52	67	146	5	64	5	38	42	70	134	157	85	85	83	1062
OTHER PLACES	24	53	13	43	11	17	2	11	23	14	25	23	17	43	73	392
OUT OF STATE HOSPITAL	6	33	32	20	20	12	0	3	44	16	29	15	39	116	2	387
TOTAL	225	377	257	780	64	324	42	158	224	268	591	496	355	499	608	5268

* SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
17.0 TUBERCULOSIS OF SKIN AND SUBCUTANEOUS CELLULAR TISSUE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31.0 PULMONARY DISEASE DUE TO OTHER MYCOBACTERIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
36.0 MENINGOCOCCAL MENINGITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
36.2 MENINGOCOCCAEMIA	M	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38.1 STAPHYLOCOCCAL SEPTICEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38.4 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS	M	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
38.9 UNSPECIFIED SEPTICEMIA	M	0	0	0	0	0	0	0	0	0	0	0	2	3	1	5	2	13
	F	0	0	0	0	0	0	0	0	0	2	0	1	3	2	6	10	24
39.1 PULMONARY ACTINOMYCOTIC INFECTIONS	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.0 HUMAN IMMUNODEFICIENCY VIRUS INFECTION WITH SPECIFIED CONDITIONS	M	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.1 HUMAN IMMUNODEFICIENCY VIRUS INFECTION CAUSING OTHER SPECIFIED CONDITIONS	M	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.9 ACQUIRED IMMUNODEFICIENCY SYNDROME, UNSPECIFIED	M	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70.9 UNSPECIFIED VIRAL HEPATITIS WITHOUT MENTION OF HEPATIC COMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
78.8 OTHER SPECIFIED DISEASES DUE TO VIRUSES AND CHLAMYDIAE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
79.9 VIRAL INFECTION, UNSPECIFIEL	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
112.5 DISSEMINATED CANDIDIASIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126.9 UNSPECIFIED ANCYLOSTOMIASIS AND NECATORIASIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
141.6 MALIGNANT NEOPLASM OF LINGUAL TONSIL	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141.9 MALIGNANT NEOPLASM OF TONGUE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
142.0 MALIGNANT NEOPLASM OF PAROTID GLAND	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
145.3 MALIGNANT NEOPLASM OF SOFT PALATE OF MOUTH	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.5 MALIGNANT NEOPLASM OF PALATE, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
146.0 MALIGNANT NEOPLASM OF TONSIL	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146.9 MALIGNANT NEOPLASM OF OROPHARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
147.9 MALIGNANT NEOPLASM OF NASOPHARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149.0 MALIGNANT NEOPLASM OF PHARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
150.9 MALIGNANT NEOPLASM OF ESOPHAGUS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	1	3	2	5	1	1	2	15
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	6	1	1	9
151.9 MALIGNANT NEOPLASM OF STOMACH, UNSPECIFIED	M	0	0	0	0	0	0	1	0	2	1	1	1	0	1	2	0	9
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	4
153.1 MALIGNANT NEOPLASM OF TRANSVERSE COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
153.3 MALIGNANT NEOPLASM OF SIGMOID COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	3	6
153.4 MALIGNANT NEOPLASM OF CECUM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3
153.5 MALIGNANT NEOPLASM OF COLON, APPENDIX	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153.6 MALIGNANT NEOPLASM OF ASCENDING COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH															
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
153.9 MALIGNANT NEOPLASM OF COLON, UNSPECIFIED	M	0	0	0	0	0	0	0	0	2	2	2	3	11	7	2	6	35
	F	0	0	0	0	0	1	0	0	2	5	0	5	9	5	13	16	56
154.1 MALIGNANT NEOPLASM OF RECTUM	M	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	6
	F	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	6
155.0 MALIGNANT NEOPLASM OF LIVER - PRIMARY	M	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
155.1 MALIGNANT NEOPLASM OF INTRAHEPATIC BILE DUCTS	M	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
155.2 MALIGNANT NEOPLASM OF LIVER, NOT SPECIFIED AS PRIMARY OR SECONDARY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
156.0 MALIGNANT NEOPLASM OF GALLBLADDER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	4
156.1 MALIGNANT NEOPLASM OF EXTRAHEPATIC BILE DUCTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
156.9 MALIGNANT NEOPLASM OF BILIARY TRACT, PART UNSPECIFIED	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
157.0 MALIGNANT NEOPLASM OF HEAD OF PANCREAS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
157.4 MALIGNANT NEOPLASM OF ISLETS OF LANGERHANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
157.9 MALIGNANT NEOPLASM OF PANCREAS, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	1	4	1	5	6	3	2	22
	F	0	0	0	0	0	0	0	0	0	1	3	2	3	2	4	2	17
158.0 MALIGNANT NEOPLASM OF RETROPERITONEUM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159.0 MALIGNANT NEOPLASM OF INTESTINAL TRACT, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
159.9 MALIGNANT NEOPLASM OF ILL-DEFINED SITE WITHIN DIGESTIVE ORGANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
161.9 MALIGNANT NEOPLASM OF LARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
162.3 MALIGNANT NEOPLASM OF UPPER LOBE, BRONCHUS OR LUNG	M	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
162.9 MALIGNANT NEOPLASM OF BRONCHUS AND LUNG, UNSPECIFIED	M	0	0	0	0	0	0	0	4	16	12	30	28	30	28	18	15	181
	F	0	0	0	0	0	0	1	1	5	8	6	13	18	10	6	6	74
163.9 MALIGNANT NEOPLASM OF PLEURA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.9 MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE, SITE UNSPECIFIED	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171.3 MALIGNANT NEOPLASM OF CONNECTIVE & SOFT TISSUE OF LOWER LIMB & HIP	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
171.4 MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE OF THORAX	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171.6 MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE OF PELVIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171.9 MALIGNANT NEOPLASM OF CONNECTIVE & SOFT TISSUE, SITE UNSPECIFIED	M	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	3
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	3
172.9 MALIGNANT MELANOMA OF SKIN, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	1	2	0	2	1	1	2	0	0	9
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
173.4 MALIGNANT NEOPLASM OF SKIN OF SCALP AND NECK	M	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
173.9 MALIGNANT NEOPLASM OF SKIN, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174.0 MALIGNANT NEOPLASM OF FEMALE BREAST, NIPPLE AND AREOLA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
174.9 MALIGNANT NEOPLASM OF FEMALE BREAST, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	4	10	6	14	10	17	13	11	18	104
179.0 MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	2	7
180.9 MALIGNANT NEOPLASM OF CERVIX UTERI, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	1	1	0	2	2	1	0	1	9
182.0 MALIGNANT NEOPLASM OF CORPUS UTERI, EXCEPT ISTHMUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	5
183.0 MALIGNANT NEOPLASM OF OVARY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	4	5	1	6	5	5	6	33

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
184.4 MALIGNANT NEOPLASM OF VULVA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	4
185.0 MALIGNANT NEOPLASM OF PROSTATE	M	0	0	0	0	0	1	0	0	1	1	4	6	19	11	23	10	76
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188.9 MALIGNANT NEOPLASM OF BLADDER, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	0	1	3	3	1	3	12
	F	0	0	0	0	0	0	0	0	0	1	0	4	1	1	2	2	11
189.0 MALIGNANT NEOPLASM OF KIDNEY, EXCEPT PELVIS	M	0	0	0	0	0	0	1	1	2	1	2	1	1	1	0	0	10
	F	0	0	0	0	0	0	0	0	0	1	3	1	2	2	2	4	15
191.1 MALIGNANT NEOPLASM OF FRONTAL LOBE OF BRAIN	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.2 MALIGNANT NEOPLASM OF TEMPORAL LOBE OF BRAIN	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.9 MALIGNANT NEOPLASM OF BRAIN, UNSPECIFIED	M	0	0	0	0	0	1	0	2	1	0	1	0	1	0	0	0	6
	F	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	0	6
192.1 MALIGNANT NEOPLASM OF CEREBRAL MENINGES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
192.2 MALIGNANT NEOPLASM OF SPINAL CORD	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
193.0 MALIGNANT NEOPLASM OF THYROID GLAND	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194.0 MALIGNANT NEOPLASM OF SUPRARENAL GLAND	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
195.0 MALIGNANT NEOPLASM OF HEAD, FACE AND NECK	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195.2 MALIGNANT NEOPLASM OF ILL-DEFINED SITES - ABDOMEN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
199.0 DISSEMINATED MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
199.1 OTHER MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	M	0	0	0	0	0	0	0	0	1	4	2	5	7	3	3	3	28
	F	0	0	0	0	0	0	0	1	6	2	2	6	7	7	1	6	38
200.0 RETICULOSARCOMA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
200.1 LYMPHOSARCOMA	M	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200.8 OTHER NAMED VARIANTS OF RETICULOSARCOMA AND LYMPHOSARCOMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
201.9 UNSPECIFIED HODGKIN'S DISEASE	M	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	3
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2
202.8 OTHER LYMPHOMAS	M	0	0	0	0	0	0	0	1	2	1	3	4	6	2	2	2	23
	F	0	0	0	0	0	0	0	1	2	1	0	3	3	4	4	2	20
202.9 OTHER & UNSPECIFIED MALIGNANT NEOPLASM OF LYMPHOID & HISTOCYTIC TISSUE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203.0 MULTIPLE MYELOMA	M	0	0	0	0	0	0	0	0	0	1	1	0	2	1	2	1	9
	F	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	3	9
204.0 ACUTE LYMPHOID LEUKEMIA	M	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204.1 CHRONIC LYMPHOID LEUKEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	7
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	5
205.0 ACUTE MYELOID LEUKEMIA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3
	F	0	0	0	1	0	0	0	0	4	1	0	1	1	0	0	2	10
205.1 CHRONIC MYELOID LEUKEMIA	M	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	3
	F	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	4
208.0 ACUTE LEUKEMIA OF UNSPECIFIED CELL TYPE	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208.9 UNSPECIFIED LEUKEMIA OF UNSPECIFIED CELL TYPE	M	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
225.2 BENIGN NEOPLASM OF CEREBRAL MENINGES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
238.1 NEOPLASM OF UNCERTAIN BEHAVIOR OF CONNECTIVE AND OTHER SOFT TISSUE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
238.4 NEOPLASM OF UNCERTAIN BEHAVIOR OR POLYCYTHEMIA VERA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
239.0 NEOPLASM OF UNSPECIFIED NATURE OF DIGESTIVE SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
239.1 NEOPLASM OF UNSPECIFIED NATURE OF RESPIRATORY SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239.6 NEOPLASM OF UNSPECIFIED NATURE OF BRAIN	M	0	0	0	0	0	0	1	1	0	0	1	1	2	0	0	0	6
	F	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	0	6
239.8 NEOPLASM OF UNSPECIFIED NATURE OF OTHER SPECIFIED SITES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
244.9 UNSPECIFIED HYPOTHYROIDISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250.0 DIABETES MELLITUS WITHOUT MENTION OF COMPLICATION	M	0	0	0	0	0	0	0	2	2	1	3	3	5	6	3	10	35
	F	0	0	0	0	0	0	0	1	1	1	0	9	3	3	7	15	40
250.2 DIABETES WITH COMA	M	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
250.3 DIABETES WITH RENAL MANIFESTATIONS	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
250.5 DIABETES WITH NEUROLOGICAL MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
250.6 DIABETES WITH PERIPHERAL CIRCULATORY DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3
	F	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	5
253.2 PANHYPOPITUITARISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
253.6 OTHER DISORDERS OF NEUROHYPOPHYSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
263.9 UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
272.0 HYPERCHOLESTEROLEMIA	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
272.4 OTHER AND UNSPECIFIED HYPERLIPIDEMIA	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
273.8 OTHER DISORDERS OF PLASMA PROTEIN METABOLISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276.2 ACIDOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
276.5 VOLUME DEPLETION OF PLASMA OR EXTRACELLULAR FLUID	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
276.7 HYPERPOTASSAEMIA	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276.9 ELECTROLYTE AND FLUID DISORDERS, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
277.3 AMYLOIDOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
277.9 UNSPECIFIED DISORDER OF METABOLISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
278.8 OTHER OBESITY AND HYPERALIMENTATION	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
279.2 COMBINED IMMUNITY DEFICIENCY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
284.8 OTHER APLASTIC ANEMIAS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
284.9 UNSPECIFIED APLASTIC ANEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
285.9 ANEMIA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
286.6 DEFIBRINATION SYNDROME	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
287.5 THROMBOCYTOPENIA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
289.5 OTHER DISEASES OF SPLEEN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
289.8 OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
289.9 UNSPECIFIED DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
290.0 SENILE DEMENTIA, SIMPLE TYPE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
290.1 PRESENILE DEMENTIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	7
290.2 SENILE DEMENTIA, DEPRESSED OR PARANOID TYPE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
290.4 ARTERIOSCLEROTIC DEMENTIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
291.2 OTHER ALCOHOLIC DEMENTIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
297.1 PARANOIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
298.9 UNSPECIFIED PSYCHOSIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7
303.0 ALCOHOL DEPENDENCE SYNDROME	M	0	0	0	0	0	1	0	0	0	6	2	0	2	0	0	0	11
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
310.9 UNSPECIFIED NONPSYCHOTIC MENTAL DISORDERS AFTER ORGANIC BRAIN DAMAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	6	7
311.0 DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
318.1 SEVERE MENTAL RETARDATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
319.0 UNSPECIFIED MENTAL RETARDATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
320.9 MENINGITIS DUE TO UNSPECIFIED BACTERIUM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
331.0 ALZHEIMER'S DISEASE	M	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	8	13
	F	0	0	0	0	0	0	0	0	0	0	0	2	2	1	5	12	22
331.1 PICK'S DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
331.4 OBSTRUCTIVE HYDROCEPHALUS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
331.9 UNSPECIFIED CEREBRAL DEGENERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
332.0 PARALYSIS AGITANS	M	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	3	10
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	10
333.0 OTHER DEGENERATIVE DISEASES OF THE BASAL GANGLIA	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
333.4 HUNTINGTON'S CHOREA	M	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
335.2 MOTOR NEURON DISEASE	M	0	0	0	0	0	0	0	0	0	1	1	1	2	1	2	0	8
	F	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
340.0 MULTIPLE SCLEROSIS	M	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
	F	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	3
343.9 INFANTILE CEREBRAL PALSY, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
345.1 GENERALIZED CONVULSIVE EPILEPSY	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
345.3 GRAND MAL STATUS EPILEPSY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
348.1 ANOXIC BRAIN DAMAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
348.4 COMPRESSION OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
348.8 OTHER CONDITIONS OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
348.9 UNSPECIFIED CONDITIONS OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
349.9 UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
359.1 HEREDITARY PROGRESSIVE MUSCULAR DYSTROPHY	M	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
394.0 MITRAL STENOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
394.9 OTHER AND UNSPECIFIED DISEASES OF MITRAL VALVE	M	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	4

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH															
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
395.0 RHEUMATIC AORTIC STENOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
397.9 RHEUMATIC DISEASES OF ENDOCARDIUM, VALVE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
398.9 OTHER AND UNSPECIFIED RHEUMATIC HEART DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
401.9 ESSENTIAL HYPERTENSION, NOT SPECIFIEL MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
402.9 HYPERTENSIVE HEART DISEASE, NOT SPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	2	0	1	2	6	3	5	3	3	25
	F	0	0	0	0	0	0	0	0	1	0	0	3	4	4	6	12	30
403.9 HYPERTENSIVE RENAL DISEASE, NOT SPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
404.9 HYPERTENSIVE HEART & RENAL DISEASE, UNSPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6
410.0 ACUTE MYOCARDIAL INFARCTION	M	0	0	0	0	0	0	0	10	21	19	30	38	50	46	34	31	279
	F	0	0	0	0	0	0	0	1	5	3	19	19	39	46	38	68	238
411.0 OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
413.0 ANGINA PECTORIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	6
414.0 CORONARY ATHEROSCLEROSIS	M	0	0	0	0	0	0	1	5	8	8	14	11	21	30	21	36	155
	F	0	0	0	0	0	0	1	1	3	3	4	5	18	12	34	89	170
414.1 ANEURYSM OF HEART	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
414.8 OTHER SPECIFIED FORMS OF CHRONIC ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	2	1	2	3	1	5	2	0	16
	F	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	2	5
414.9 UNSPECIFIED FORMS OF CHRONIC ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	3	3	7	10	18	8	10	9	68
	F	0	0	0	0	0	0	1	0	0	1	1	2	5	9	11	16	46
415.1 PULMONARY EMBOLISM AND INFARCTION	M	0	0	0	0	0	1	0	0	0	0	3	0	2	1	1	1	9
	F	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	3	13
416.0 PRIMARY PULMONARY HYPERTENSION	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
416.9 PULMONARY HEART DISEASE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
421.0 ACUTE AND SUBACUTE BACTERIAL ENDOCARDITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	3
421.9 ACUTE ENDOCARDITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
424.0 MITRAL VALVE DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
424.1 AORTIC VALVE DISORDERS	M	0	0	0	0	0	0	0	1	1	0	1	3	1	0	3	4	14
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	6	15
424.9 ENDOCARDITIS, VALVE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4	7
425.4 OTHER PRIMARY CARDIOMYOPATHIES	M	0	1	0	0	0	0	0	1	3	3	4	3	0	3	0	2	20
	F	0	2	0	0	0	0	0	2	1	1	3	0	2	2	4	2	19
425.9 SECONDARY CARDIOMYOPATHY, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
427.1 PAROXYSMAL VENTRICULAR TACHYCARDIA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427.3 ATRIAL FIBRILLATION AND FLUTTER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	8
427.4 VENTRICULAR FIBRILLATION AND FLUTTER	M	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427.5 CARDIAC ARREST	M	0	0	0	0	0	0	0	1	1	5	4	1	8	9	4	7	40
	F	0	0	0	0	0	0	0	0	0	2	0	0	5	3	7	21	38
427.8 OTHER CONDUCTION DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
427.9 UNSPECIFIED CARDIAC DYSRHYTHMIAS	M	0	0	0	0	0	1	0	0	1	0	0	2	0	0	1	3	8
	F	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	3
428.0 CONGESTIVE HEART FAILURE	M	0	0	0	0	0	0	0	0	1	0	1	1	2	2	6	9	22
	F	0	0	0	0	0	0	0	0	0	0	1	1	3	5	11	19	40
428.1 LEFT HEART FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
428.9 UNSPECIFIED HEART FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
429.0 MYOCARDITIS, UNSPECIFIED	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
429.2 CARDIOVASCULAR DISEASE, UNSPECIFIED	M	0	0	0	0	0	0	0	3	4	2	7	12	10	12	16	32	98
	F	0	0	0	0	0	0	0	0	0	1	0	4	5	17	23	106	156
429.3 CARDIOMEGALY	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
429.8 OTHER ILL-DEFINED DESCRIPTIONS AND COMPLICATIONS OF HEART DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
429.9 HEART DISEASE, UNSPECIFIED	M	0	0	1	0	0	0	0	0	0	1	1	0	1	2	0	1	7
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
430.0 SUBARACHNOID HEMORRHAGE	M	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0	5
	F	0	0	0	0	0	0	1	2	1	0	0	1	2	0	1	0	8
431.0 INTRACEREBRAL HEMORRHAGE	M	0	0	0	0	0	0	0	0	1	0	2	1	1	5	2	0	12
	F	0	0	0	0	0	0	0	0	1	1	1	0	0	1	5	5	14
432.9 UNSPECIFIED INTRACRANIAL HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
433.1 OCCLUSION AND STENOSIS OF CAROTID ARTERY	M	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
434.0 CEREBRAL THROMBOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	9
	F	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5	7	16
434.1 CEREBRAL EMBOLISM	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
434.9 OCCLUSION OF CEREBRAL ARTERIES, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	2	4	0	2	1	9
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	5	9
436.0 ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	1	1	9	11	12	14	27	75
	F	0	0	0	0	0	0	0	0	0	1	3	4	10	10	27	63	118
437.0 CEREBRAL ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7
437.3 CEREBRAL ANEURYSM, NONRUPTURED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
437.9 UNSPECIFIED CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	8
438.0 LATE EFFECTS OF CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7
440.2 ATHEROSCLEROSIS OF ARTERIES OF THE EXTREMITIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
440.9 GENERALIZED AND UNSPECIFIED ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	0	0	0	0	4	1	3	3	4	15
	F	0	0	0	0	0	0	0	0	1	0	0	3	1	2	4	19	30
441.0 DISSECTING ANEURYSM, ANY PART	M	0	0	0	0	0	0	0	0	0	1	1	0	4	1	0	1	8
	F	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	3	7
441.1 THORACIC ANEURYSM, RUPTURED	M	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
441.2 THORACIC ANEURYSM WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
441.3 ABDOMINAL ANEURYSM, RUPTURED	M	0	0	0	0	0	0	0	1	0	2	0	1	2	0	3	1	10
	F	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	0	7
441.4 ABDOMINAL ANEURYSM WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
441.5 AORTIC ANEURYSM OF UNSPECIFIED SITE, RUPTURED	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
441.6 AORTIC ANEURYSM OF UNSPECIFIED SITE WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
442.2 ANEURYSM OF ILIAC ARTERY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
442.9 OTHER ANEURYSM OF UNSPECIFIED SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
443.0 RAYNAUD'S SYNDROME	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
443.9 UNSPECIFIED PERIPHERAL VASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	6
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	7	9
444.1 ARTERIAL EMBOLISM AND THROMBOSIS OF OTHER AORTA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH															
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
444.2 ARTERIAL EMBOLISM AND THROMBOSIS OF ARTERIES OF THE EXTREMITIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
444.9 ARTERIAL EMBOLISM AND THROMBOSIS OF UNSPECIFIED ARTERY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
446.2 HYPERSENSITIVITY ANGIITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
446.4 WEGENER'S GRANULOMATOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
446.5 GIANT CELL ARTERITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
446.7 TAKAYASU DISEASE	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
451.1 PHLEBITIS & THROMBOPHLEBITIS OF DEEP VESSELS OF LOWER EXTREMITIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
453.3 OTHER VENOUS EMBOLISM AND OF RENAL VEIN	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
453.9 OTHER VENOUS EMBOLISM AND THROMBOSIS OF UNSPECIFIED SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
458.9 HYPOTENSION, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
459.0 HEMORRHAGE, UNSPECIFIED	M	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
459.9 UNSPECIFIED DISORDERS OF THE CIRCULATORY SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
466.0 ACUTE BRONCHITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
475.0 PERITONSILLAR ABSCESS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
480.9 VIRAL PNEUMONIA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
481.0 PNEUMOCOCCAL PNEUMONIA	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
482.2 PNEUMONIA DUE TO HEMOPHILUS INFLUENZAE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
482.4 PNEUMONIA DUE TO STAPHYLOCOCCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
485.0 BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3
	F	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	7
486.0 PNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	1	0	0	0	3	4	1	2	7	10	11	28	67
	F	1	0	0	0	0	0	1	0	1	0	0	0	2	11	19	56	91
487.0 INFLUENZA WITH PNEUMONIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
487.1 INFLUENZA WITH OTHER RESPIRATORY MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
487.8 INFLUENZA WITH OTHER MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
490.0 BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
491.2 OBSTRUCTIVE CHRONIC BRONCHITIS	M	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
491.9 CHRONIC BRONCHITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
492.0 EMPHYSEMA	M	0	0	0	0	0	0	0	0	2	1	2	5	3	10	1	3	27
	F	0	0	0	0	0	0	0	1	0	0	0	2	2	5	1	3	14
493.9 ASTHMA, UNSPECIFIED	M	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	4
	F	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	4
495.0 FARMERS' LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
496.0 CHRONIC AIRWAY OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	1	3	0	11	11	21	36	32	18	133
	F	0	0	0	0	0	0	0	0	2	0	5	8	7	13	9	14	58
500.0 COALWORKERS' PNEUMOCONIOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
502.0 PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
507.0 PNEUMONITIS DUE TO INHALATION OF FOOD OR VOMIT	M	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	6	8
512.0 PNEUMOTHORAX	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
513.0 ABSCESS OF LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
514.0 PULMONARY CONGESTION AND HYPOSTASIS	M	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
515.0 POSTINFLAMMATORY PULMONARY FIBROSIS	M	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	1	7
	F	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	10
516.8 OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	M	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
518.0 PULMONARY COLLAPSE	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
518.4 ACUTE EDEMA OF LUNG, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
518.5 PULMONARY INSUFFICIENCY FOLLOWING TRAUMA AND SURGERY	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
518.8 OTHER DISEASES OF LUNG, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
519.1 OTHER DISEASES OF TRACHEA AND BRONCHUS, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
519.8 OTHER DISEASES OF RESPIRATORY SYSTEM, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
530.1 OESOPHAGITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3
530.8 OTHER DISORDERS OF ESOPHAGUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
531.4 GASTRIC ULCER, CHRONIC OR UNSPECIFIED WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
531.5 GASTRIC ULCER, CHRONIC OR UNSPECIFIED WITH PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
532.4 DUODENAL ULCER, CHRONIC OR UNSPECIFIED, WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
532.5 DUODENAL ULCER, CHRONIC OR UNSPECIFIED, WITH PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
532.6 DUODENAL ULCER, CHRONIC OR UNSPECIFIED, WITH HEMORRHAGE & PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
532.9 DUODENAL ULCER, UNSPECIFIED, WITHOUT MENTION OF HEMORRHAGE OF PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
533.4 PEPTIC ULCER, CHRONIC OR UNSPECIFIED, WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
533.5 PEPTIC ULCER, CHRONIC OR UNSPECIFIED, WITH PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
533.9 UNSPECIFIED PEPTIC ULCER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
535.3 ALCOHOLIC GASTRITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
535.5 UNSPECIFIED GASTRITIS AND GASTRODUODENITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
551.9 OTHER ABDOMINAL HERNIA OF UNSPECIFIED SITE, WITH GANGRENE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
552.9 OTHER HERNIA OF UNSPECIFIED SITE, WITH OBSTRUCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
553.3 DIAPHRAGMATIC HERNIA WITHOUT OBSTRUCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
555.9 REGIONAL ENTERITIS OF UNSPECIFIED SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
557.0 ACUTE VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	4	8
557.1 CHRONIC VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
557.9 UNSPECIFIED VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
558.0 OTHER NONINFECTIOUS GASTROENTERITIS AND COLITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
560.1 PARALYTIC ILEUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
560.2 INTESTINAL OBSTRUCTION OF VOLVULUS WITHOUT MENTION OF HERNIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
560.9 UNSPECIFIED INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
562.1 DIVERTICULA OF COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	5	9
564.1 IRRITABLE COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
566.0 ABSCESS OF ANAL AND RECTAL REGIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
567.2 OTHER SUPPURATIVE PERITONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
567.9 UNSPECIFIED PERITONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
568.0 PERITONEAL ADHESIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
569.8 OTHER DISORDERS OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
569.9 UNSPECIFIED DISORDERS OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
571.1 ACUTE ALCOHOLIC HEPATITIS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
571.2 ALCOHOLIC CIRRHOSIS OF LIVER	M	0	0	0	0	0	0	0	3	3	1	2	0	4	1	0	0	14
	F	0	0	0	0	0	0	0	1	0	1	1	0	1	0	2	0	6
571.3 ALCOHOLIC LIVER DAMAGE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	3	0	1	0	0	0	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
571.4 CHRONIC HEPATITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
571.5 CIRRHOSIS OF LIVER WITHOUT MENTION OF ALCOHOL	M	0	0	0	0	0	0	0	2	4	0	2	1	1	4	2	1	17
	F	0	0	0	0	0	0	0	0	0	1	1	2	6	3	3	0	16
571.6 BILIARY CIRRHOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
572.2 HEPATIC COMA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
572.3 PORTAL HYPERTENSION	M	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
572.8 OTHER SEQUELAE OF CHRONIC LIVER DISEASE	M	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
573.3 HEPATITIS UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
574.0 CALCULUS OF GALLBLADDER WITH ACUTE CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
574.1 CALCULUS OF GALLBLADDER WITH OTHER CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
574.2 CALCULUS OF GALLBLADDER WITHOUT MENTION OF CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
574.5 CALCULUS OF BILE DUCT WITHOUT MENTION OF CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
575.1 OTHER CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
575.9 UNSPECIFIED DISORDER OF GALLBLADDER	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
576.1 CHOLANGITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
576.5 SPASM OF SPHINCTER OF ODDI	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
577.0 ACUTE PANCREATITIS	M	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	3
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
578.9 HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	4	10
	F	0	0	0	0	0	0	0	0	1	0	0	3	1	2	3	5	15

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
582.1 CHRONIC GLOMERULONEPHRITIS WITH LESION OF MEMBRANEOUS GLOMERULONEPHRITIS	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
583.9 NEPHRITIS & NEPHROPATHY WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
584.9 ACUTE RENAL FAILURE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
585.0 CHRONIC RENAL FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	2	0	2	3	4	11
586.0 RENAL FAILURE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	11
	F	1	0	0	0	0	0	0	0	0	0	1	0	2	1	6	5	16
590.0 CHRONIC PYELONEPHRITIS AND CHRONIC PYONEPHROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
590.8 PYELONEPHRITIS OR PYONEPHROSIS, NOT SPECIFIED AS ACUTE OR CHRONIC	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
591.0 HYDRONEPHROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
593.9 UNSPECIFIED DISORDERS OF KIDNEY AND URETER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
596.4 ATONY OF BLADDER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
599.0 URINARY TRACT INFECTION, SITE NOT SPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6
	F	0	0	0	0	0	0	0	0	1	0	0	0	1	3	2	11	18
599.6 URINARY OBSTRUCTION, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600.0 HYPERPLASIA OF PROSTATE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
602.9 UNSPECIFIED DISORDER OF PROSTATE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	e	0	0	0	0	0	0	0	0	0	0	0
615.9 UNSPECIFIED INFLAMMATORY DISEASE OF UTERUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
669.0 OTHER COMPLICATIONS OF LABOR & DELIVERY, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
682.2 OTHER CELLULITIS AND ABSCESS OF TRUNK	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
682.6 OTHER CELLULITIS AND ABSCESS OF LEG, EXCEPT FOOT	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
694.4 PEMPHIGUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
707.0 DECUBITUS ULCER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
707.9 CHRONIC ULCER OF UNSPECIFIED SITES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
710.0 SYSTEMIC LUPUS ERYTHEMATOSUS	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
710.9 UNSPECIFIED DIFFUSE DISEASES OF CONNECTIVE TISSUE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
714.0 RHEUMATOID ARTHRITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	3
714.2 OTHER RHEUMATOID ARTHRITIS WITH VISCERAL OR SYSTEMIC INVOLVEMENT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
715.9 OSTEOARTHRITIS & ALLIED DISORDERS, UNSPECIFIED WHETHER GENERALIZED OR LOCAL	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
729.4 FASCIITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
733.0 OSTEOPOROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742.2 REDUCTION DEFORMITIES OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
742.3 CONGENITAL HYDROCEPHALUS	M	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742.4 OTHER SPECIFIED ANOMALIES OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
745.2 TETRALOGY OF FALLOT	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH															
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
745.5 OSTIUM SECUNDUM TYPE ATRIAL SEPTAL DEFECT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
746.8 OTHER SPECIFIED ANOMALIES OF HEART	M	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
746.9 UNSPECIFIED ANOMALIES OF HEART	M	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
747.6 OTHER ANOMALIES OF PERIPHERAL VASCULAR SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
747.9 UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
748.5 AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
751.5 OTHER ANOMALIES OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
753.9 UNSPECIFIED ANOMALIES OF URINARY SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
756.1 ANOMALIES OF SPINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
756.6 ANOMALIES OF DIAPHRAGM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
758.0 DOWN'S SYNDROME	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
759.0 ANOMALIES OF SPLEEN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
759.7 MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
761.0 NEWBORN AFFECTED BY INCOMPETENT CERVIX OF MOTHER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
762.0 NEWBORN AFFECTED BY PLACENTA PRAEVIA	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
762.1 NEWBORN AFFECTED BY OTHER FORMS OF PLACENTAL SEPARATION & HEMORRHAGE	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
763.6 NEWBORN AFFECTED BY PRECIPITATE DELIVERY	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
764.9 FETAL GROWTH RETARDATION, UNSPECIFIED	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
765.0 EXTREME IMMATURITY	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
767.0 SUBDURAL AND CEREBRAL HEMORRHAGE AT BIRTH	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
768.9 UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
769.0 RESPIRATORY DISTRESS SYNDROME	M	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
770.1 MASSIVE ASPIRATION SYNDROME	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
770.7 CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
770.8 OTHER RESPIRATORY PROBLEMS AFTER BIRTH	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
771.8 OTHER INFECTION SPECIFIC TO THE PERINATAL PERIOD	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
780.6 PYREXIA OF UNKNOWN ORIGIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
785.5 SHOCK WITHOUT MENTION OF TRAUMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
787.2 DYSPHAGIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
797.0 SENILITY WITHOUT MENTION OF PSYCHOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
798.0 SUDDEN INFANT DEATH SYNDROME	M	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	F	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
799.1 RESPIRATORY FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
799.8 OTHER ILL-DEFINED CONDITIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
799.9 OTHER UNKNOWN AND UNSPECIFIED DISEASES	M	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	3
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E805.2 PEDESTRIAN HIT IN RAILWAY ACCIDENT	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E812.0 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, DRIVER	M	0	0	0	0	2	3	2	2	0	0	1	1	1	0	0	0	12
	F	0	0	0	0	0	0	2	1	1	2	0	0	1	0	0	0	7
E812.1 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, PASSENGER	M	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	F	0	0	1	0	1	0	1	0	0	1	1	0	1	1	0	0	7
E812.9 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, UNSPECIFIED PERSON	M	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	5
E813.6 MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION WITH OTHER VEHICLE, PEDAL CYCLIST	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E814.0 MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION WITH PEDESTRIAN, DRIVER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E814.7 MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION WITH PEDESTRIAN, PEDESTRIAN	M	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	4
	F	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	4
E815.0 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, DRIVER	M	0	0	0	0	2	1	1	1	1	0	0	0	0	1	0	0	7
	F	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	4
E815.1 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, PASSENGER	M	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E815.9 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, UNSPECIFIED PERSON	M	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E816.0 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, WITHOUT COLLISION, DRIVER	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
E816.9 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, W/O COLLISION, UNSPEC. PERSON	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
E818.0 OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT, DRIVER	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E818.9 OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT, UNSPECIFIED PERSON	M	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E819.0 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, DRIVER	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E819.1 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, PASSENGER	M	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
E819.3 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, MOTORCYCLE PASSENGER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E819.9 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, UNSPECIFIED PERSON	M	0	0	0	0	7	3	7	1	2	0	0	1	0	0	0	1	22
	F	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	0	5
E821.9 NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE, UNSPECIFIED PERSON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E825.9 OTHER MOTOR VEHICLE NONTRAFFIC ACC. OF UNSPECIFIED NATURE, UNSPEC. PERSON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E841.3 OTHER AND UNSPECIFIED COMMERCIAL AIRCRAFT ACCIDENT, OTHER OCCUPANT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
E841.9 ACCIDENT TO UNSPECIFIED AIRCRAFT, OTHER PERSON	M	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E844.7 OTHER SPECIFIED AIR TRANSPORT ACCIDENTS, PARACHUTIST	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E844.9 OTHER SPECIFIED AIR TRANSPORT ACCIDENTS, OTHER PERSON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E850.0 ACCIDENTAL POISONING BY OPIATES AND RELATED NARCOTICS	M	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E853.8 ACCIDENTAL POISONING BY OTHER TRANQUILLIZERS	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E855.2 ACCIDENTAL POISONING BY LOCAL ANESTHETICS ACTING ON NERVOUS SYSTEM	M	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E858.3 ACCIDENTAL POISONING BY AGENTS PRIMARILY AFFECTING CARDIOVASCULAR SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
E858.9 ACCIDENTAL POISONING BY UNSPECIFIED DRUGS	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E868.1 ACCIDENTAL POISONING BY OTHER & UNSPECIFIED UTILITY GAS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E868.2 ACCIDENTAL POISONING BY MOTOR VEHICLE EXHAUST GAS	M	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
E870.0 ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING SURGICAL OPERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
E874.8 MECHANICAL FAILURE OF INSTRUMENT OR APPARATUS IN OTHER PROCEDURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
E875.0 CONTAMINATED SUBSTANCE TRANSFUSED OR INFUSED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E876.4 FAILURE TO INTRODUCE OR TO REMOVE OTHER TUBE OR INSTRUMENT	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.1 COMPLICATION FROM SURGICAL OPERATION WITH IMPLANT OF ARTIFICIAL DEVICE	M	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.4 COMPLICATION FROM OTHER RESTORATIVE SURGERY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.6 COMPLICATION FROM SURGICAL REMOVAL OF OTHER ORGAN	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.9 COMPLICATION FROM UNSPECIFIED SURGICAL OPERATION	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E879.8 COMPLICATION FROM OTHER PROCEDURES	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E880.9 ACCIDENTAL FALL ON OR FROM OTHER STAIRS OR STEPS	M	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
E881.0 ACCIDENTAL FALL FROM LADDER	M	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E884.1 ACCIDENTAL FALL FROM CLIFF	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E885.0 ACCIDENTAL FALL ON SAME LEVEL FROM SLIPPING, TRIPPING OR STUMBLING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E887.0 ACCIDENTAL FRACTURE, CAUSE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	6
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	4	7
E888.0 OTHER AND UNSPECIFIED ACCIDENTAL FALL	M	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	4
	F	0	0	0	0	0	0	1	0	0	0	0	2	0	0	3	3	9

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH															
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E890.2 OTHER SMOKE AND FUMES FROM CONFLAGRATION IN PRIVATE DWELLING	M	1	2	0	0	0	0	3	0	0	0	0	0	1	0	0	0	7
	F	0	1	0	0	1	1	0	0	0	0	2	0	0	0	0	1	6
E901.0 ACCIDENTS CAUSED BY EXCESSIVE COLD DUE TO WEATHER CONDITIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E901.9 ACCIDENTS CAUSED BY EXCESSIVE COLD OF UNSPECIFIED ORIGIN	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2
E910.2 ACCIDENTAL DROWNING DURING RECREATION WITHOUT DIVING EQUIPMENT	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.8 OTHER ACCIDENTAL DROWNING	M	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.9 UNSPECIFIED ACCIDENTAL DROWNING	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E911.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF FOOD CAUSING SUFFOCATION	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
E912.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	M	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
E913.8 ACCIDENTAL MECHANICAL SUFFOCATION BY OTHER SPECIFIED MEANS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E916.0 STRUCK ACCIDENTALLY BY FALLING OBJECT	M	0	0	0	0	0	2	0	0	3	1	0	0	0	0	0	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E917.9 STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OTHER OBJECTS OR PERSONS	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919.0 ACCIDENT CAUSED BY AGRICULTURAL MACHINERY	M	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E919.7 ACCIDENT CAUSED BY EARTH MOVING, SCRAPING, OR OTHER EXCAVATING MACHINERY	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919.8 ACCIDENT CAUSED BY OTHER MACHINERY	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E925.0 ACCIDENT CAUSED BY DOMESTIC WIRING AND APPLIANCES	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E925.8 OTHER ACCIDENT CAUSED BY ELECTRIC CURRENT	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1988 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E928.9 UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES OF DEATH	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E950.0 SUICIDE BY ANALGESICS, ANTIPYRETICS AND ANTIRHEUMATICS	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E950.3 SUICIDE BY TRANQUILLIZERS AND OTHER PSYCHOTROPIC AGENTS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
E950.4 SUICIDE BY OTHER SPECIFIED DRUGS AND MEDICANTS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E950.5 SUICIDE BY UNSPECIFIED DRUG OR MEDICANT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E950.7 SUICIDE BY CORROSIVE AND CAUSTIC SUBSTANCES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E952.0 SUICIDE BY MOTOR VEHICLE EXHAUST GAS	M	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E952.1 SUICIDE BY OTHER CARBON MONOXIDE POISONING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E953.0 SUICIDE BY HANGING	M	0	0	0	0	1	0	1	1	0	1	0	0	1	1	0	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
E953.1 SUICIDE BY SUFFOCATION BY PLASTIC BAG	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
E953.9 SUICIDE BY UNSPECIFIED MEANS	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E954.0 SUICIDE BY SUBMERSION OR DROWNING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
E955.0 SUICIDE BY HANDGUN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E955.1 SUICIDE BY SHOTGUN	M	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E955.2 SUICIDE BY HUNTING RIFLE	M	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E955.4 SUICIDE BY OTHER AND UNSPECIFIED FIREARM	M	0	0	0	1	3	1	10	9	7	4	3	2	2	6	2	1	51
	F	0	0	0	0	1	0	1	0	2	0	1	0	0	0	0	0	5

TABLE 45
1988 VERMONT RESIDENTS

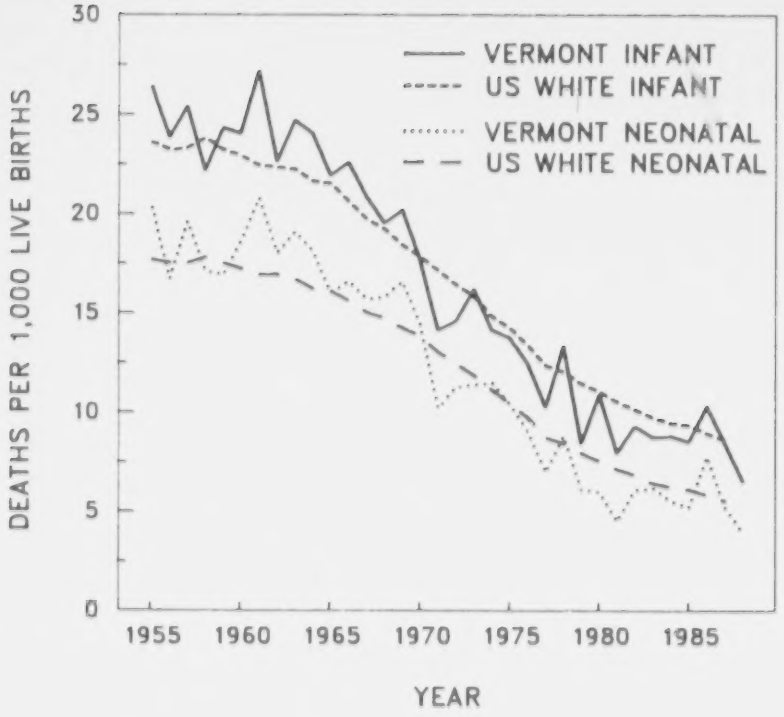
CAUSE OF DEATH BY AGE AT DEATH AND SEX

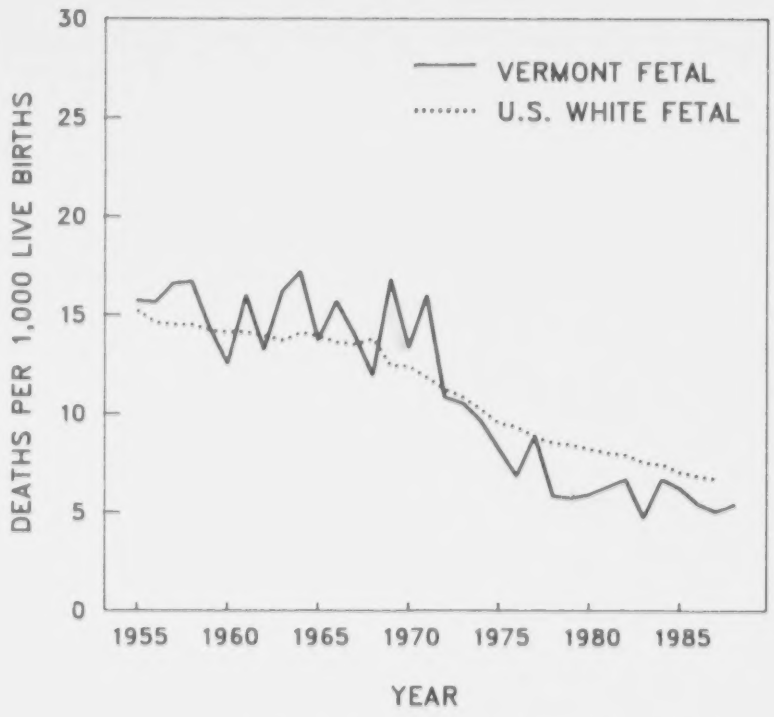
CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E956.0 SUICIDE BY CUTTING & PIERCING INSTRUMENTS	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E957.1 SUICIDE BY JUMPING FROM OTHER MANMADE STRUCTURES	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E958.1 SUICIDE BY BURNS, FIRE	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E963.0 ASSAULT BY HANGING AND STRANGULATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E965.1 ASSAULT BY SHOTGUN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E965.4 ASSAULT BY OTHER AND UNSPECIFIED FIREARM	M	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5
	F	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
E968.8 ASSAULT BY OTHER SPECIFIED MEANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E983.8 OTHER SPECIFIED MEANS OF INJURY, UNDET. WHETHER ACCID. OR PURPOSEFULLY INFLICTED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTALS	M	32	9	1	2	24	33	67	90	136	110	193	233	347	353	315	377	2322
	F	21	8	5	3	10	9	30	42	79	66	104	161	258	294	385	863	2338
	TOTAL	53	17	6	5	34	42	97	132	215	176	297	394	605	647	700	1240	4660

Infant Deaths, Fetal Deaths, Abortions and Pregnancies

Figure 8

VERMONT AND U.S. WHITE INFANT AND NEONATAL MORTALITY RATES AND FETAL MORTALITY RATIOS 1955 – 1988





U.S. DATA FOR 1988 NOT AVAILABLE

INFANT DEATHS, FETAL DEATHS, ABORTIONS AND PREGNANCIES

In 1988 there were 53 resident infant deaths, 6.5 infant deaths per 1,000 live births. This is the lowest infant mortality rate recorded in Vermont. It is a decline from the 1987 rate of 8.4 and lower than the 1987 U.S. white infant mortality rate of 8.6. The decrease in 1988, however, was not statistically significant.

Sixty percent of the infant deaths occurred during the neonatal period, that is, the first 27 days of life. This yields a rate of 3.9 deaths per 1,000 live births compared to 5.2 in 1987 and the 1987 U.S. white neonatal rate of 5.5.

The leading causes of infant death were congenital anomalies (12 deaths), sudden infant death syndrome (SIDS; 10 deaths) and respiratory distress syndrome (7 deaths). These three causes accounted for 55 percent of all infant deaths.

Reports of fetal deaths and abortions are not exchanged among states. Therefore, statistics concerning these events reflect only occurrences within Vermont and the rates in these tables may reflect an underestimate of the true experience of Vermont residents.

There were 44 resident fetal deaths in 1988 for a rate of 5.4 per 1,000 live births and fetal deaths. This is an increase from the 1987 rate of 5.0 and the same as the 1986 rate.

The most important risk factor in fetal and infant mortality is birth weight. Forty-seven percent of all infants who died in 1988 had a birth weight of under 2,500 grams, the accepted definition of low birth weight, while only 5.1 percent of all births were low birth weight. Seventy-five percent of fetal deaths were under 2,500 grams. All fetal and infant mortality rates decline sharply with increasing birth weight.

Another risk factor is age of mother. Age-specific mortality rates have been combined for the years 1986-1988 to produce a more stable rate. Teenaged mothers had the highest fetal, perinatal, neonatal and infant deaths rates, while mothers 25-29 had the lowest perinatal, neonatal and infant mortality rates.

There were 3309 abortions performed in Vermont in 1988 compared to 3310 in 1987. Seventy-one percent of the abortions performed were to Vermont residents. Residents of New York and New Hampshire account for most of the remainder.

Women aged 20-24 had the largest proportion of abortions (32.9%), followed by teenagers (27.4%), women aged 25-29

(20.0%), and women 30 and older (19.7%). Ninety-six percent of all abortions occurred during the first trimester; 55 percent were for pregnancies of 8 weeks or less duration.

Pregnancy data is derived by adding live births, fetal deaths, and abortions. Because of non-reporting of out-of-state abortions and fetal deaths, as well as non-reporting of fetal deaths prior to 20 weeks of gestation, these rates represent slight underestimates. The extent of these underestimations may differ among counties, since they are dependent upon county-specific utilization of out-of-state abortion services.

The pregnancy rate in Vermont continues to decrease. The 1988 rate was 75.5 compared to 77.0 in 1987 and 84.0 in 1980. The only age group which showed an increase in their pregnancy rate was the 15-19 year olds. The 1988 teen pregnancy rate was 61.2, an increase from the 1987 rate of 54.3, but similar to the teen pregnancy rates in the mid-eighties, and lower than the rate at the beginning of the decade (68.0 in 1980). Age-specific pregnancy rates in the 1980s have decreased for women under 30, while increasing for women 30 and older.

Using the pregnancy rate we can examine patterns of completion and termination of pregnancy. Age of the woman and marital status play a major part in pregnancy outcome. Although 77 percent of all pregnancies result in a live birth, only half (55%) of teen pregnancies result in a live birth. The proportion of pregnancies resulting in a live birth is highest for ages 25-34 (85%). Married women were much more likely to complete their pregnancies than unmarried women (93% vs 48%), and this is consistent across all age groups.

TABLE 46
1988 VERMONT RESIDENT FETAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF MOTHER <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	TOTAL
ADDISON	0	0	1	0	1	0	2
BENNINGTON	0	0	0	0	0	0	0
CHITTENDEN	1	2	3	3	0	0	9
FRANKLIN & GRAND ISLE	1	1	1	2	0	0	5
LAMOILLE	0	1	1	0	1	0	3
NORTHEAST KINGDOM*	1	1	3	1	0	0	6
ORANGE	0	0	0	0	0	0	0
RUTLAND	1	1	2	2	2	0	8
WASHINGTON	0	1	0	1	0	0	2
WINDHAM	1	2	2	2	0	0	7
WINDSOR	0	0	2	0	0	0	2
TOTAL	5	9	15	11	4	0	44

TABLE 47
1988 VERMONT RESIDENT PERINATAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF MOTHER <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	0	1	1	0	1	0	0	3
BENNINGTON	0	0	0	0	0	0	0	0
CHITTENDEN	1	2	4	4	3	0	0	14
FRANKLIN & GRAND ISLE	2	1	1	2	0	0	0	6
LAMOILLE	0	2	1	0	1	0	0	4
NORTHEAST KINGDOM*	1	1	4	2	1	0	0	9
ORANGE	1	1	1	0	0	0	0	3
RUTLAND	1	2	2	3	2	0	0	10
WASHINGTON	1	1	2	2	0	0	0	6
WINDHAM	1	3	3	2	0	0	0	9
WINDSOR	0	0	2	3	1	0	0	6
TOTAL	8	14	21	18	9	0	0	70

* THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 48
1988 VERMONT RESIDENT NEONATAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF MOTHER <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	0	1	0	0	0	0	0	1
BENNINGTON	0	0	0	0	0	0	0	0
CHITTENDEN	1	1	1	2	3	0	0	8
FRANKLIN & GRAND ISLE	1	0	0	0	0	0	0	1
LAMOILLE	0	1	0	0	0	0	0	1
NORTHEAST KINGDOM*	0	0	1	1	1	0	0	3
ORANGE	1	1	1	0	0	0	0	3
RUTLAND	0	1	0	2	0	0	0	3
WASHINGTON	1	0	2	1	0	0	0	4
WINDHAM	0	1	3	0	0	0	0	4
WINDSOR	0	0	0	3	1	0	0	4
TOTAL	4	6	8	9	5	0	0	32

TABLE 49
1988 VERMONT RESIDENT INFANT DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF MOTHER <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	0	2	0	0	1	1	0	4
BENNINGTON	0	0	0	1	0	0	0	1
CHITTENDEN	2	1	5	3	4	0	0	15
FRANKLIN & GRAND ISLE	1	0	0	0	0	0	0	1
LAMOILLE	0	1	0	0	0	0	0	1
NORTHEAST KINGDOM*	0	1	1	2	1	0	0	5
ORANGE	1	1	2	1	0	0	0	5
RUTLAND	1	4	0	2	1	0	0	8
WASHINGTON	2	0	2	1	0	0	0	5
WINDHAM	0	1	3	0	0	0	0	4
WINDSOR	0	0	0	3	1	0	0	4
TOTAL	7	11	13	13	8	1	0	53

* THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 50

1986-1988 VERMONT RESIDENT
FETAL, PERINATAL, NEONATAL AND INFANT DEATH RATES
BY AGE OF MOTHER

AGE OF MOTHER	FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
15-19 YEARS	8.0	17.9	11.4	15.7
20-24 YEARS	5.0	9.5	5.1	8.4
25-29 YEARS	5.1	7.9	3.9	6.5
30-34 YEARS	4.9	9.9	6.4	8.2
35-39 YEARS	5.8	12.1	6.3	8.5
1986-1988 TOTAL	5.3	10.0	5.6	8.4
1986 TOTAL	5.4	12.0	7.8	10.3
1987 TOTAL	5.0	9.3	5.2	8.4
1988 TOTAL	5.4	8.6	3.9	6.5

NOTES:

FETAL AND PERINATAL DEATH RATES ARE THE NUMBER OF RESIDENT FETAL DEATHS AND PERINATAL DEATHS PER 1,000 RESIDENT LIVE BIRTHS AND FETAL DEATHS.

NEONATAL AND INFANT DEATH RATES ARE THE NUMBER OF RESIDENT NEONATAL AND INFANT DEATHS PER 1,000 RESIDENT LIVE BIRTHS.

DATA FOR THE YEARS 1986-1988 HAVE BEEN COMBINED TO PRODUCE MORE STABLE RATES.

TABLE 51

1988 VERMONT RESIDENT
FETAL, PERINATAL, NEONATAL AND INFANT DEATHS
BY WEEKS OF GESTATION*

WEEKS OF GESTATION	NUMBER OF EVENTS FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
UNDER 28 WEEKS	19	30	14	15
28-31 WEEKS	6	12	6	6
32-35 WEEKS	6	8	3	3
36 WEEKS	3	6	3	3
37-39 WEEKS	7	8	1	10
40 WEEKS	2	2	2	8
41 WEEKS	0	0	0	1
42+ WEEKS	1	3	2	6
UNKNOWN	0	1	1	1
TOTAL	44	70	32	53

*SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 52

1988 VERMONT RESIDENT
FETAL, PERINATAL, NEONATAL AND INFANT DEATHS
BY BIRTH WEIGHT IN GRAMS

BIRTH WEIGHT	NUMBER OF EVENTS FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
UNDER 500	11	17	6	6
500-999	10	15	7	8
1000-1499	5	11	7	7
1500-1999	2	3	2	2
2000-2499	5	5	0	2
2500-2999	3	6	3	7
3000-3499	3	6	5	13
3500-3999	2	2	0	4
4000+	1	1	0	2
UNKNOWN	2	4	2	2
TOTAL	44	70	32	53

TABLE 53
1988 VERMONT RESIDENT FETAL DEATHS

BIRTH WEIGHT IN GRAMS BY CAUSE OF DEATH

BIRTH WEIGHT IN GRAMS

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	< 500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000+	UNKNOWN	TOTAL
756 OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	1	0	0	0	0	0	0	0	0	0	1
758 CHROMOSOMAL ANOMALIES	0	1	1	0	0	0	0	0	0	0	2
759 OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	2	2	1	0	0	0	0	0	0	0	5
760 MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	1	1	1	1	0	0	0	0	0	0	4
761 MATERNAL COMPLICATIONS OF PREGNANCY	0	1	1	1	2	0	0	1	0	0	6
762 COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	5	4	1	0	1	1	2	1	1	1	17
763 OTHER COMPLICATIONS OF LABOR	0	0	0	0	0	1	0	0	0	1	2
779 OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	1	0	0	2	1	1	0	0	0	7
TOTAL	11	10	5	2	5	3	3	2	1	2	44

TABLE 54
1988 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH: DAYS <1	1	2	3	4	5	6	7-13	14-27	28D-2M	MONTHS 3-5	6-11	TOTAL
416.0 PRIMARY PULMONARY HYPERTENSION	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
425.9 SECONDARY CARDIOMYOPATHY, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	1
429.0 MYOCARDITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
485.0 BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1
486.0 PNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1
586.0 RENAL FAILURE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	1
742.2 REDUCTION DEFORMITIES OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	1	0	0	0	2
742.3 CONGENITAL HYDROCEPHALUS	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
742.4 OTHER SPECIFIED ANOMALIES OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	1	0	0	0	0	0	0	1
746.9 UNSPECIFIED ANOMALIES OF HEART	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	1
747.9 UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM	M	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
748.5 AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
753.9 UNSPECIFIED ANOMALIES OF URINARY SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
756.6 ANOMALIES OF DIAPHRAGM	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
758.0 DOWN'S SYNDROME	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
759.7 MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	1

TABLE 54
1988 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH: DAYS <1	1	2	3	4	5	6	7-13	14-27	28D-2M	MONTHS 3-5	6-11	TOTAL
761.0 NEWBORN AFFECTED BY INCOMPETENT CERVIX OF MOTHER	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
762.0 NEWBORN AFFECTED BY PLACENTA PRAEVIA	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
762.1 NEWBORN AFFECTED BY OTHER FORMS OF PLACENTAL SEPARATION & HEMORRHAGE	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
763.6 NEWBORN AFFECTED BY PRECIPITATE DELIVERY	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
764.9 FETAL GROWTH RETARDATION, UNSPECIFIED	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
765.0 EXTREME IMMATURITY	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
767.0 SUBDURAL AND CEREBRAL HEMORRHAGE AT BIRTH	M	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
768.9 UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
769.0 RESPIRATORY DISTRESS SYNDROME	M	5	0	0	0	0	0	0	0	0	0	0	0	5
	F	0	0	1	0	0	1	0	0	0	0	0	0	2
770.1 MASSIVE ASPIRATION SYNDROME	M	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
770.7 CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	2	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
770.8 OTHER RESPIRATORY PROBLEMS AFTER BIRTH	M	0	1	0	0	0	0	0	0	1	0	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	0	1
771.8 OTHER INFECTION SPECIFIC TO THE PERINATAL PERIOD	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
798.0 SUDDEN INFANT DEATH SYNDROME	M	0	0	0	0	0	0	0	0	0	5	2	0	7
	F	0	0	0	0	0	0	0	0	0	1	2	0	3
E890.2 OTHER SMOKE AND FUMES FROM CONFLAGRATION IN PRIVATE DWELLING	M	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
E911.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF FOOD CAUSING SUFFOCATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1

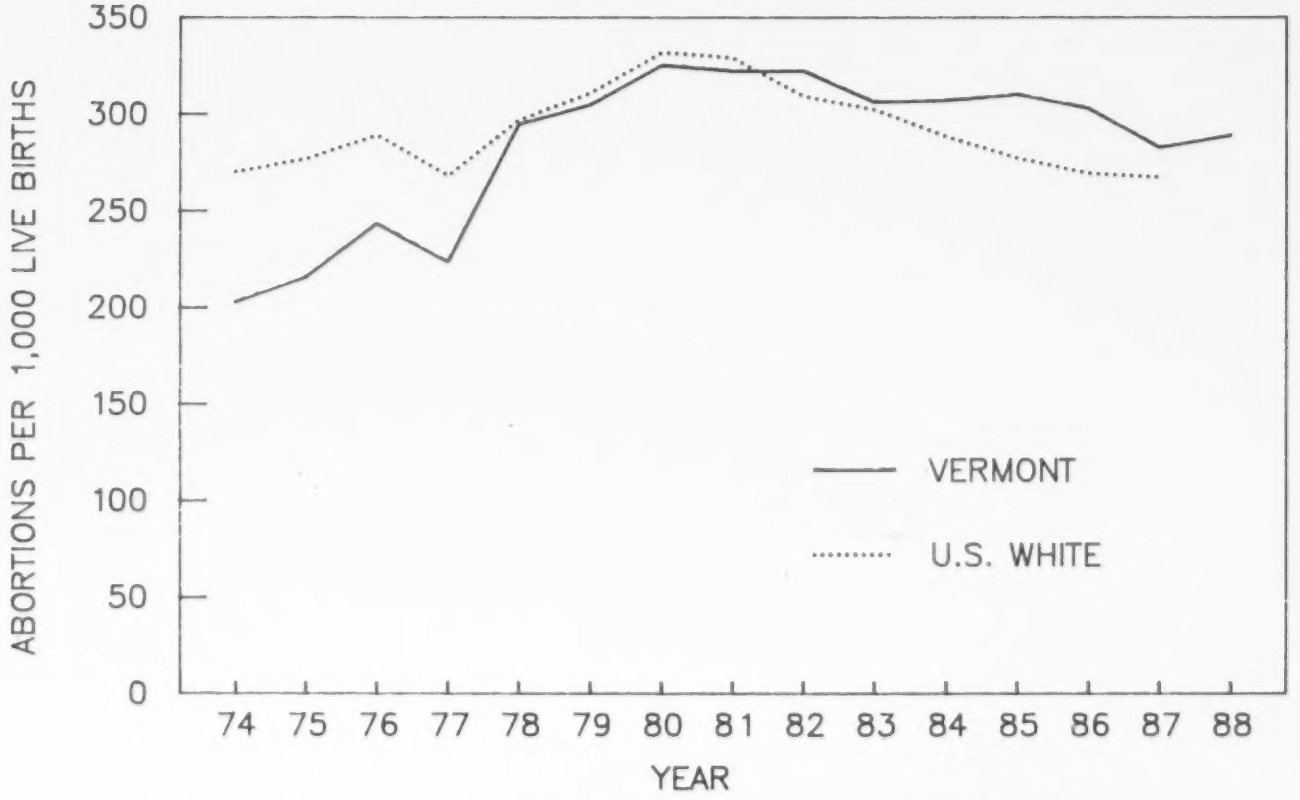
TABLE 54
1988 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH: DAYS <1	1	2	3	4	5	6	7-13	14-27	28D-2M	MONTHS 3-5	6-11	TOTAL
E912.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	M	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	M	15	1	1	0	1	0	0	1	3	5	4	1	32
	F	3	2	1	0	0	2	0	0	2	3	5	3	21
	TOTAL	18	3	2	0	1	2	0	1	5	8	9	4	53

Figure 9

VERMONT AND U.S. WHITE ABORTION RATIOS
1974 – 1988



NOTE: U.S. DATA FOR 1988 UNAVAILABLE. DATA FOR 1986 & 1987 ARE UNPUBLISHED FIGURES FROM THE DIVISION OF REPRODUCTIVE HEALTH, CENTERS FOR DISEASE CONTROL, ATLANTA, GA. U.S. WHITE ABORTION RATIOS ARE BASED ON REPORTING STATES.

TABLE 55
1988 VERMONT ABORTIONS

AGE OF PATIENT BY STATE OF RESIDENCE
AGE OF PATIENT

STATE	<15 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	TOTAL
CALIFORNIA	0	0	0	0	0	0	1	0	0	0	0	1
COLORADO	0	0	0	0	0	0	0	1	0	0	0	1
CONNECTICUT	0	0	0	0	0	2	3	0	0	0	0	5
FLORIDA	0	0	0	1	0	0	0	0	0	0	0	1
MAINE	0	0	0	0	0	0	3	0	0	0	0	3
MASSACHUSETTS	0	2	6	8	5	1	11	8	2	0	0	43
NEW HAMPSHIRE	0	4	14	28	23	19	93	56	43	15	7	302
NEW YORK	2	13	20	51	63	63	201	109	53	20	8	603
NORTH CAROLINA	0	0	0	0	0	0	0	1	0	0	0	1
OREGON	0	0	0	0	0	1	0	0	0	0	0	1
PENNSYLVANIA	0	0	0	0	0	0	1	0	0	0	0	1
VERMONT	9	35	74	100	171	193	775	486	286	168	49	2346
CANADA	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL	11	54	114	188	262	279	1088	662	384	203	64	3309

TABLE 56
1988 VERMONT ABORTIONS

RACE OF PATIENT BY STATE OF RESIDENCE
RACE

STATE	WHITE	BLACK	OTHER	UNKNOWN	TOTAL
CALIFORNIA	1	0	0	0	1
COLORADO	1	0	0	0	1
CONNECTICUT	5	0	0	0	5
FLORIDA	1	0	0	0	1
MAINE	3	0	0	0	3
MASSACHUSETTS	43	0	0	0	43
NEW HAMPSHIRE	296	3	3	0	302
NEW YORK	587	8	3	5	603
NORTH CAROLINA	1	0	0	0	1
OREGON	1	0	0	0	1
PENNSYLVANIA	1	0	0	0	1
VERMONT	2306	12	22	6	2346
CANADA	1	0	0	0	1
TOTAL	3247	23	28	11	3309

TABLE 57
1988 VERMONT ABORTIONS

AGE OF PATIENT BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF PATIENT <15 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	TOTAL
ADDISON	0	2	6	6	3	8	45	21	11	14	2	118
BENNINGTON	0	3	4	2	10	11	34	18	11	6	2	101
CALEDONIA	1	1	0	4	10	8	26	24	11	11	1	97
CHITTENDEN	1	6	14	35	58	78	293	169	95	53	11	813
ESSEX	0	1	0	2	5	1	3	1	0	0	0	13
FRANKLIN	0	3	4	7	10	6	31	27	13	10	3	114
GRAND ISLE	0	1	3	0	3	1	5	3	2	2	0	20
LAMOILLE	1	0	2	3	3	8	30	23	10	8	2	90
ORANGE	0	0	5	4	3	7	12	12	6	6	4	59
ORLEANS	1	3	4	3	4	2	21	10	7	5	0	60
RUTLAND	2	6	14	18	18	22	98	55	33	11	8	285
WASHINGTON	3	3	7	4	15	11	68	45	32	17	8	213
WINDHAM	0	6	4	6	11	12	57	43	27	14	4	184
WINDSOR	0	0	7	6	18	18	52	35	28	11	4	179
OUT OF STATE	2	13	40	88	91	86	313	176	98	35	15	963
TOTAL	11	54	114	188	262	279	1088	662	384	203	64	3309

TABLE 58
1988 VERMONT ABORTIONS

COUNTY OF RESIDENCE BY COUNTY OF ABORTION

PATIENT'S COUNTY OF RESIDENCE

COUNTY OF ABORTION	ADDIS	BENN	CALED	CHITT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	OOS	TOTAL
ADDISON	4	0	0	1	0	0	0	0	0	0	1	0	0	0	1	7
CALEDONIA	0	0	71	1	12	1	0	2	4	30	0	0	0	2	59	182
CHITTENDEN	91	4	11	799	0	109	20	68	9	12	13	69	6	14	403	1628
ORLEANS	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
RUTLAND	20	84	0	6	0	3	0	1	6	0	257	3	48	74	284	786
WASHINGTON	2	0	15	5	1	1	0	19	36	7	3	140	0	9	21	259
WINDHAM	0	2	0	0	0	0	0	0	0	0	0	0	56	1	47	106
WINDSOR	1	11	0	1	0	0	0	0	4	3	11	1	74	79	148	333
TOTAL	118	101	97	813	13	114	20	90	59	60	285	213	184	179	963	3309

TABLE 59
1988 VERMONT ABORTIONS

WEEKS OF GESTATION BY AGE OF PATIENT

WEEKS OF GESTATION*

AGE OF PATIENT	<9	9	10	11	12	13	14	15	16	17-23	UNKNOWN	TOTAL
< 15	1	5	0	2	0	2	0	1	0	0	0	11
15	20	7	11	9	3	3	1	0	0	0	0	54
16	40	24	19	17	8	3	2	0	0	1	0	114
17	75	39	37	16	13	6	2	0	0	0	0	188
18	119	51	35	27	14	8	5	2	0	1	0	262
19	139	49	41	27	13	7	1	1	1	0	0	279
20-24	589	185	126	102	45	24	8	7	0	2	0	1088
25-29	402	101	67	51	17	11	6	4	1	2	0	662
30-34	256	61	32	18	8	5	1	0	1	2	0	384
35-39	138	25	16	11	7	0	0	0	0	5	1	203
40 +	41	7	9	2	1	0	2	0	0	2	0	64
TOTAL	1820	554	393	282	129	69	28	15	3	15	1	3309

TABLE 60
1988 VERMONT ABORTIONS

WEEKS OF GESTATION BY ABORTION PROCEDURE

WEEKS OF GESTATION*

ABORTION PROCEDURE	<9	9	10	11	12	13	14	15	16	17-23	UNKNOWN	TOTAL
SUCTION CURETTAGE	791	489	365	265	122	64	28	15	1	0	1	2141
SHARP CURETTAGE	1	0	0	0	0	0	0	0	0	0	0	1
EARLY UTERINE EVACUATION	1028	64	28	17	7	5	0	0	0	0	0	1149
OTHER	0	1	0	0	0	0	0	0	2	15	0	18
TOTAL	1820	554	393	282	129	69	28	15	3	15	1	3309

* SEE APPENDIX E FOR DATA QUALITY NOTES

TABLE 61
1988 VERMONT ABORTIONS

TYPE OF FACILITY BY ABORTION PROCEDURE

ABORTION PROCEDURE	TYPE OF FACILITY HOSPITAL	CLINIC	DOCTOR'S OFFICE	TOTAL
SUCTION CURETTAGE	30	1686	425	2141
SHARP CURETTAGE	1	0	0	1
EARLY UTERINE EVACUATION	0	987	162	1149
OTHER	16	1	1	18
TOTAL	47	2674	588	3309

TABLE 62
1988 VERMONT ABORTIONS

WEEKS OF GESTATION BY TYPE OF FACILITY

TYPE OF FACILITY	WEEKS OF GESTATION* <9	9	10	11	12	13	14	15	16	17-23	UNKNOWN	TOTAL
HOSPITAL	17	2	4	3	3	1	0	0	2	14	1	47
CLINIC	1516	434	322	226	96	49	19	12	0	0	0	2674
DOCTOR'S OFFICE	287	118	67	53	30	19	9	3	1	1	0	588
TOTAL	1820	554	393	282	129	69	28	15	3	15	1	3309

*SEE APPENDIX E FOR DATA QUALITY NOTES

TABLE 63
1988 VERMONT ABORTIONS

MONTH OF PROCEDURE BY TYPE OF FACILITY

TYPE OF FACILITY	MONTH OF PROCEDURE JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
HOSPITAL	4	2	5	5	3	3	6	5	0	5	6	3	47
CLINIC	224	232	264	228	220	216	210	223	197	235	216	209	2674
DOCTOR'S OFFICE	53	65	65	50	59	38	37	49	58	41	37	36	588
TOTAL	281	299	334	283	282	257	253	277	255	281	259	248	3309

TABLE 64
1988 VERMONT ABORTIONS

PATIENT'S MARITAL STATUS BY NUMBER OF LIVING CHILDREN

	MARITAL STATUS							NUMBER OF EVENTS						
CHILDREN	SINGLE	MARRIED	WIDOWED	DIVORCED	SEP	UNKNOWN	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	SEP	UNKNOWN	TOTAL
NONE	1721	96	1	49	24	215	2106	81.7	4.6	0.0	2.3	1.1	10.2	100.0
ONE	233	126	4	96	45	65	569	40.9	22.1	0.7	16.9	7.9	11.4	100.0
TWO	65	209	3	70	42	54	443	14.7	47.2	0.7	15.8	9.5	12.2	100.0
THREE	10	61	0	29	25	20	145	6.9	42.1	0.0	20.0	17.2	13.8	100.0
FOUR	5	12	0	7	5	7	36	13.9	33.3	0.0	19.4	13.9	19.4	100.0
FIVE +	2	2	0	2	1	0	7	28.6	28.6	0.0	28.6	14.3	0.0	100.0
UNKNOWN	0	1	0	0	0	2	3	0.0	33.3	0.0	0.0	0.0	66.7	100.0
TOTAL	2036	507	8	253	142	363	3309	61.5	15.3	0.2	7.6	4.3	11.0	100.0

TABLE 65
1988 VERMONT ABORTIONS

PATIENT'S EDUCATION BY COUNTY OF RESIDENCE

	EDUCATION										
COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	2	4	6	11	38	11	8	8	25	5	118
BENNINGTON	1	4	7	6	49	9	9	5	10	1	101
CALEDONIA	0	3	4	4	50	14	5	4	9	4	97
CHITTENDEN	8	9	36	44	303	94	101	54	159	5	813
ESSEX	0	0	2	3	7	1	0	0	0	0	13
FRANKLIN	1	4	6	6	65	8	10	3	10	1	114
GRAND ISLE	1	0	4	3	5	1	3	1	2	0	20
LAMOILLE	3	1	2	4	32	10	13	9	16	0	90
ORANGE	1	1	5	7	24	6	1	0	14	0	59
ORLEANS	3	3	5	3	27	7	2	2	7	1	60
RUTLAND	5	17	15	17	139	19	27	6	36	4	285
WASHINGTON	6	7	12	11	85	19	28	6	34	5	213
WINDHAM	0	7	8	5	103	3	13	7	31	7	184
WINDSOR	1	2	10	10	108	12	10	5	21	0	179
OUT OF STATE	11	36	54	88	410	82	107	59	107	9	963
TOTAL	43	98	176	222	1445	296	337	169	481	42	3309

TABLE 66
1988 VERMONT RESIDENT PREGNANCIES*

AGE OF WOMAN BY COUNTY OF RESIDENCE
AGE-SPECIFIC PREGNANCY RATES

COUNTY	PREGNANCY RATES AGE OF MOTHER 15-19	20-24	25-29	30-34	35-44	15-44 TOTAL
ADDISON	38.0	102.9	120.7	98.9	28.5	70.9
BENNINGTON	83.1	121.1	117.0	82.5	21.7	76.8
CHITTENDEN	53.9	89.3	127.5	101.8	27.1	76.0
FRANKLIN & GRAND ISLE	73.1	155.3	144.0	78.8	17.5	83.6
LAMOILLE	62.3	131.5	120.9	72.2	25.0	74.0
NORTHEAST KINGDOM#	71.8	160.1	112.2	64.1	20.5	74.3
ORANGE	61.5	137.5	115.6	74.5	24.5	73.1
RUTLAND	56.0	127.9	125.9	78.6	21.6	74.4
WASHINGTON	53.5	120.1	117.2	91.6	24.1	73.8
WINDHAM	93.5	152.1	113.1	87.8	22.3	80.6
WINDSOR	57.6	133.4	115.1	82.0	18.8	71.2
STATE TOTAL	61.2	119.5	122.2	86.2	23.2	75.5

#THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS

TABLE 67
1988 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	AGE OF WOMAN <18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
ADDISON	22	34	167	159	129	60	11	0	582
% LIVE BIRTHS	36.4	67.6	73.1	86.2	91.5	75.0	81.8	0.0	79.4
% INDUCED ABORTIONS	63.6	32.4	26.9	13.2	8.5	23.3	18.2	0.0	20.3
BENNINGTON	35	70	181	174	120	49	7	4	640
% LIVE BIRTHS	74.3	70.0	81.2	89.7	90.8	87.8	71.4	100.0	84.2
% INDUCED ABORTIONS	25.7	30.0	18.8	10.3	9.2	12.2	28.6	0.0	15.8
CHITTENDEN	93	237	693	875	646	240	31	0	2815
% LIVE BIRTHS	39.8	42.2	57.4	80.3	84.8	77.9	64.5	0.0	70.8
% INDUCED ABORTIONS	60.2	57.4	42.3	19.3	14.7	22.1	35.5	0.0	28.9
FRANKLIN/GRAND ISLE	43	76	254	285	148	47	9	0	862
% LIVE BIRTHS	55.8	73.7	85.4	89.1	88.5	74.5	66.7	0.0	83.9
% INDUCED ABORTIONS	41.9	26.3	14.2	10.5	10.1	25.5	33.3	0.0	15.5
LAMOILLE	13	32	101	104	65	33	5	0	353
% LIVE BIRTHS	53.8	65.6	69.3	76.9	84 6	72.7	60.0	0.0	73.7
% INDUCED ABORTIONS	46.2	34.4	29.7	22.1	15.4	24.2	40.0	0.0	25.5
NORTHEAST KINGDOM #	52	101	315	268	161	79	8	5	989
% LIVE BIRTHS	61.5	69.3	83.8	85.8	88.2	79.7	87.5	100.0	82.2
% INDUCED ABORTIONS	38.5	29.7	15.9	13.1	11.2	20.3	12.5	0.0	17.2
ORANGE	21	27	109	135	84	36	11	3	426
% LIVE BIRTHS	57.1	63.0	89.0	91.1	92.9	83.3	63.6	100.0	86.2
% INDUCED ABORTIONS	42.9	37.0	11.0	8.9	7.1	16.7	36.4	0.0	13.8
RUTLAND	54	81	321	354	216	82	21	2	1131
% LIVE BIRTHS	25.9	49.4	69.2	83.9	83.8	84.1	61.9	100.0	74.1
% INDUCED ABORTIONS	74.1	49.4	30.5	15.5	15.3	13.4	38.1	0.0	25.2
WASHINGTON	40	65	263	295	227	90	15	2	997
% LIVE BIRTHS	57.5	60.0	73.8	84.7	85.5	81.1	46.7	100.0	78.4
% INDUCED ABORTIONS	42.5	40.0	25.9	15.3	14.1	18.9	53.3	0.0	21.4
WINDHAM	36	80	227	217	166	66	11	1	804
% LIVE BIRTHS	55.6	70.0	74.0	79.3	82.5	78.8	63.6	100.0	76.2
% INDUCED ABORTIONS	44.4	28.8	25.1	19.8	16.3	21.2	36.4	0.0	22.9
WINDSOR	30	62	245	283	197	71	10	9	907
% LIVE BIRTHS	56.7	41.9	78.8	86.9	85.8	84.5	60.0	100.0	80.0
% INDUCED ABORTIONS	43.3	58.1	21.2	12.4	14.2	15.5	40.0	0.0	19.7
TOTAL	439	865	2876	3149	2159	853	139	26	10506
% LIVE BIRTHS	50.1	57.5	72.7	84.1	86.2	79.8	64.7	100.0	77.3
% INDUCED ABORTIONS	49.7	42.1	26.9	15.4	13.2	19.7	35.3	0.0	22.3

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS
# NORTHEAST KINGDOM COUNTIES INCLUDE CALEDONIA, ESSEX, AND ORLEANS

TABLE 68
1988 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY EDUCATION

AGE OF WOMAN

EDUCATION	<18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
< HIGH SCHOOL	389	270	415	177	68	22	6	2	1349
% LIVE BIRTHS	49.4	75.9	86.5	87.6	80.9	90.9	100.0	100.0	73.7
% INDUCED ABORTIONS	50.4	24.1	13.5	11.3	16.2	9.1	0.0	0.0	25.9
H.S GRADUATE	45	474	1628	1406	650	206	29	7	4445
% LIVE BIRTHS	51.1	57.0	77.2	82.6	80.5	66.5	51.7	100.0	76.4
% INDUCED ABORTIONS	48.9	42.4	22.4	17.0	19.2	33.5	48.3	0.0	23.3
SOME COLLEGE	1	113	634	790	507	157	29	4	2235
% LIVE BIRTHS	100.0	15.9	61.5	85.3	86.0	79.6	79.3	100.0	74.8
% INDUCED ABORTIONS	0.0	84.1	38.2	14.1	13.6	19.7	20.7	0.0	24.8
COLLEGE GRAD. +	0	1	178	756	919	452	73	12	2391
% LIVE BIRTHS	0.0	0.0	42.1	85.1	91.3	86.7	63.0	100.0	83.9
% INDUCED ABORTIONS	0.0	100.0	57.9	14.7	8.2	12.6	37.0	0.0	15.6
UNKNOWN	4	7	21	20	15	16	2	1	86
% LIVE BIRTHS	100.0	57.1	52.4	70.0	60.0	43.8	0.0	100.0	58.1
% INDUCED ABORTIONS	0.0	28.6	42.9	25.0	40.0	56.3	100.0	0.0	38.4
TOTAL	439	865	2876	3149	2159	853	139	26	10506
% LIVE BIRTHS	50.1	57.5	72.7	84.1	86.2	79.8	64.7	100.0	77.3
% INDUCED ABORTIONS	49.7	42.1	26.9	15.4	13.2	19.7	35.3	0.0	22.3

TABLE 69
1988 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY MARITAL STATUS

AGE OF WOMAN

MARITAL STATUS	<18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
MARRIED	43	224	1636	2490	1869	722	109	21	7114
% LIVE BIRTHS	97.7	92.9	93.5	94.0	93.5	88.0	73.4	100.0	92.8
% INDUCED ABORTIONS	0.0	5.8	6.0	5.4	5.9	11.5	26.6	0.0	6.6
UNMARRIED	378	606	1174	622	257	116	22	5	3180
% LIVE BIRTHS	47.1	47.7	47.9	49.5	44.7	39.7	45.5	100.0	47.6
% INDUCED ABORTIONS	52.9	52.1	52.0	50.5	55.3	60.3	54.5	0.0	52.4
UNKNOWN	18	35	66	37	33	15	8	0	212
% LIVE BIRTHS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% INDUCED ABORTIONS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0
TOTAL	439	865	2876	3149	2159	853	139	26	10506
% LIVE BIRTHS	50.1	57.5	72.7	84.1	86.2	79.8	64.7	100.0	77.3
% INDUCED ABORTIONS	49.7	42.1	26.9	15.4	13.2	19.7	35.3	0.0	22.3

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS

Marriages and Divorces

Figure 10

VERMONT AND U.S. MARRIAGE AND DIVORCE RATES
1955 – 1988

U.S. RATES FOR 1987 & 1988 ARE PROVISIONAL

MARRIAGES AND DIVORCES

In 1988, 6,125 marriages were performed in Vermont, 211 more than than in 1987. The 1988 rate of 11.0 marriages per 1,000 population is higher than the 1988 U.S. provisional rate of 9.7. Four hundred fifty-three Vermont marriages occurred between an out-of-state resident and a Vermont resident, and 1,251 marriages occurred between two out-of-state residents, the latter representing an increase from 18 percent of the total in 1987 to 20 percent in 1988.

There are consistent seasonal patterns with more marriages (72%) occurring between May and October than the rest of the year. In 1988, July was the most popular month for getting married. The number of marriages occurring in July was over four times greater than the number occurring in January.

Fifty-two percent of the marriages which occurred in 1988 were first marriages for both the bride and groom. An additional 13 percent were first marriages for the bride, 12 percent were first marriages for the groom, and 23 percent were remarriages for both the bride and groom.

Most ceremonies (55%) were religious. Religious ceremonies were more common when both bride and groom were marrying for the first time (68%) and when both partners were widowed (77%).

The median age of brides in 1988 was 26 years with a range of 14 to 85 years. The median age of grooms was 29 years with a range of 16 to 88 years. In most marriages (67%) the groom was older than the bride. Men marrying older women were younger on average (28.6 years) than those marrying women of the same age or younger (32.5 years).

The age at which people first marry has been increasing. In 1960, 52 percent of first time brides were under 20 compared to 14 percent in 1988. Brides 30 or older accounted for 6 percent of all first marriages in 1960, but comprised 16 percent of the total in 1988. Sixteen percent of first time grooms were under 20 in 1960 while only 5 percent were teenagers in 1988. Correspondingly, only 11 percent of first-time grooms were 30 or older in 1960, compared to 26 percent in 1988.

Ninety percent of brides and 88 percent of grooms completed high school. Twenty-six percent of brides and

27 percent of grooms also completed at least four years of college.

There were 2,588 divorces granted in Vermont in 1988, an increase of 162 from 1987. This represents a rate of 4.6 per 1,000 residents, which is slightly lower than the 1988 U.S. provisional rate of 4.8.

The median length of marriages ending in divorce was 8 years, with a range of 2 months to 55 years. First marriages tended to last longer. The median length of marriage for first marriages was 9 years, compared to 6 years when one partner had been married previously, and 5 years when both partners had been married previously. The median age at the time of divorce was 32 for women with a range of 18 to 82 years and 35 for men with a range of 20 to 80 years.

Sixty-one percent of the divorces involved at least one child under the age of 18 for a total of 2,831 children. This is 2.0 percent of the children in Vermont.

As in previous years, the plaintiff was usually the wife (66%) and the grounds for divorce were almost always living apart for six months (99.7%). Most of the divorces (66%) were between men and women who were married for the first time.

TABLE 70

STATE OF RESIDENCE OF GROOM AND BRIDE
1988 VERMONT MARRIAGES

GROOM		BRIDE	
STATE OF RESIDENCE	NUMBER	STATE OF RESIDENCE	NUMBER
ALABAMA	2	ALASKA	2
ALASKA	3	ARIZONA	6
ARIZONA	8	CALIFORNIA	54
ARKANSAS	2	COLORADO	13
CALIFORNIA	59	CONNECTICUT	138
COLORADO	14	DELAWARE	2
CONNECTICUT	144	FLORIDA	57
DELAWARE	2	GEORGIA	6
FLORIDA	52	HAWAII	4
GEORGIA	6	IDAHO	1
HAWAII	3	ILLINOIS	15
IDAHO	1	INDIANA	5
ILLINOIS	18	IOWA	3
INDIANA	6	KANSAS	1
IOWA	2	KENTUCKY	4
KANSAS	2	LOUISIANA	3
KENTUCKY	7	MAINE	31
LOUISIANA	5	MARYLAND	25
MAINE	39	MASSACHUSETTS	268
MARYLAND	25	MICHIGAN	13
MASSACHUSETTS	296	MINNESOTA	6
MICHIGAN	16	MISSISSIPPI	1
MINNESOTA	6	MISSOURI	3
MISSISSIPPI	2	MONTANA	2
MISSOURI	3	NEBRASKA	1
MONTANA	2	NEVADA	2
NEBRASKA	1	NEW HAMPSHIRE	186
NEVADA	2	NEW JERSEY	61
NEW HAMPSHIRE	213	NEW MEXICO	3
NEW JERSEY	64	NEW YORK	215
NEW MEXICO	4	NORTH CAROLINA	9
NEW YORK	222	NORTH DAKOTA	1
NORTH CAROLINA	13	OHIO	18
NORTH DAKOTA	1	OKLAHOMA	3
OHIO	19	OREGON	3
OKLAHOMA	6	PENNSYLVANIA	27
OREGON	4	RHODE ISLAND	22
PENNSYLVANIA	29	SOUTH CAROLINA	5
RHODE ISLAND	31	SOUTH DAKOTA	1
SOUTH CAROLINA	6	TENNESSEE	4
SOUTH DAKOTA	2	TEXAS	14
TENNESSEE	8	UTAH	1
TEXAS	18	VERMONT	4726
UTAH	1	VIRGINIA	28
VERMONT	4569	WASHINGTON	8
VIRGINIA	31	WASHINGTON D.C.	5
WASHINGTON	9	WEST VIRGINIA	1
WASHINGTON D.C.	8	WISCONSIN	3
WEST VIRGINIA	2	WYOMING	1
WISCONSIN	8	CANADA	101
WYOMING	2	OTHER	13
CANADA	101		
OTHER	26		
TOTAL	6125	TOTAL	6125

TABLE 71
1988 VERMONT MARRIAGES

COUNTY OF RESIDENCE OF BRIDE BY COUNTY OF RESIDENCE OF GROOM

RESIDENCE OF GROOM	RESIDENCE OF BRIDE															
	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
ADDISON	220	0	0	7	0	1	0	0	1	0	2	0	0	1	4	236
BENNINGTON	0	255	0	2	0	0	0	0	0	0	2	0	3	0	14	276
CALEDONIA	0	1	206	3	1	0	0	2	1	2	0	4	0	0	5	225
CHITTENDEN	11	1	0	1082	0	11	2	0	2	1	2	11	0	1	32	1156
ESSEX	0	0	1	0	29	0	0	0	0	1	0	0	0	0	6	37
FRANKLIN	0	0	0	22	0	302	5	0	0	4	2	1	0	0	5	341
GRAND ISLE	0	0	0	6	0	2	42	1	0	0	0	0	0	0	2	53
LAMOILLE	0	0	0	5	0	4	0	149	0	2	0	2	0	1	6	169
ORANGE	1	0	2	1	0	1	0	0	146	2	0	6	0	10	10	179
ORLEANS	0	0	0	2	1	0	0	1	0	183	0	1	0	0	5	193
RUTLAND	2	2	1	2	0	1	0	0	0	0	474	0	1	2	14	499
WASHINGTON	0	0	2	8	0	2	0	2	7	2	0	403	0	0	9	435
WINDHAM	2	3	0	1	0	0	0	0	0	0	2	0	311	1	19	339
WINDSOR	0	3	1	2	0	0	0	0	6	0	4	2	7	389	17	431
OUT OF STATE	17	17	21	74	3	9	2	7	14	12	37	33	21	38	1251	1556
TOTAL	253	282	234	1217	34	333	51	162	177	209	525	483	343	443	1399	6125

TABLE 72
1988 VERMONT MARRIAGES

AGE OF BRIDE BY AGE OF GROOM

AGE OF GROOM	AGE OF BRIDE															
	< 18 YEARS	18-20 YEARS	21-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75 + YEARS	UNKNOWN	TOTAL
UNDER 18 YEARS	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	8
18-20 YEARS	42	221	68	11	6	1	0	0	0	0	0	0	0	0	0	349
21-24 YEARS	28	374	623	175	39	19	3	2	0	0	0	0	0	0	0	1263
25-29 YEARS	7	136	528	696	188	45	16	2	0	0	0	0	0	0	0	1618
30-34 YEARS	1	33	202	413	322	106	32	4	1	2	0	0	0	0	0	1116
35-39 YEARS	0	11	50	145	231	167	53	15	1	1	0	0	0	0	0	674
40-44 YEARS	2	5	18	47	111	117	80	22	3	1	0	0	0	0	0	406
45-49 YEARS	0	1	11	23	29	64	72	42	13	2	2	0	1	0	0	260
50-54 YEARS	0	3	2	5	17	28	41	31	23	6	2	0	0	0	0	158
55-59 YEARS	0	0	0	0	7	11	20	26	25	5	6	0	1	0	0	101
60-64 YEARS	0	0	0	1	4	5	12	9	24	14	13	3	1	1	0	87
65-69 YEARS	0	0	0	0	1	1	3	6	4	10	7	6	4	0	0	42
70-74 YEARS	0	0	1	0	0	0	1	1	2	3	6	8	3	4	0	29
75 + YEARS	0	0	0	0	0	0	0	0	0	0	1	4	3	5	0	13
UNKNOWN	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	83	788	1504	1517	955	564	333	160	96	44	37	21	13	10	0	6125

TABLE 73
1988 VERMONT MARRIAGES

EDUCATION OF BRIDE BY EDUCATION OF GROOM

EDUCATION OF GROOM	EDUCATION OF BRIDE					
	< HS	H.S. GRAD	1-3 YRS. COLLEGE	4+ YEARS COLLEGE	UNKNOWN	TOTAL
< HIGH SCHOOL	241	371	77	25	2	716
H.S.GRADUATE	296	1468	580	213	2	2559
1-3 YRS COLLEGE	36	360	455	299	0	1150
4 + YRS COLLEGE	10	215	387	1057	1	1670
UNKNOWN	0	1	0	0	29	30
TOTAL	583	2415	1499	1594	34	6125

TABLE 74
1988 VERMONT MARRIAGES

MARRIAGE NUMBER OF BRIDE BY MARRIAGE NUMBER OF GROOM

MARRIAGE NUMBER OF GROOM	MARRIAGE NUMBER OF BRIDE				
	FIRST	SECOND	THIRD +	UNKNOWN	TOTAL
FIRST	3203	655	77	4	3939
SECOND	681	904	186	2	1773
THIRD +	101	202	90	0	393
UNKNOWN	0	1	0	19	20
TOTAL	3985	1762	353	25	6125

TABLE 75
1988 VERMONT MARRIAGES

RACE OF BRIDE AND GROOM

BRIDE AND GROOM	RACE				
	WHITE	BLACK	OTHER	UNKNOWN	TOTAL
BRIDE	6053	10	39	23	6125
GROOM	6046	28	28	23	6125

TABLE 76
1988 VERMONT MARRIAGES

MONTH OF MARRIAGE BY COUNTY OF MARRIAGE

MONTH OF MARRIAGE

COUNTY OF MARRIAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	11	15	5	16	28	45	45	60	35	33	18	16	327
BENNINGTON	15	20	15	30	43	67	53	65	53	51	32	25	469
CALEDONIA	11	13	6	17	24	32	52	32	27	25	10	27	276
CHITTENDEN	47	49	45	93	122	131	182	171	148	142	63	81	1274
ESSEX	2	2	2	0	7	8	16	7	8	2	2	3	59
FRANKLIN	7	11	14	24	37	44	70	49	43	31	15	27	372
GRAND ISLE	3	4	2	2	8	5	15	20	10	7	2	8	86
LAMOILLE	6	20	12	15	28	29	41	40	28	31	13	16	279
ORANGE	12	7	12	7	22	28	45	32	42	24	5	12	248
ORLEANS	6	10	10	13	33	40	59	45	27	19	12	17	291
RUTLAND	20	33	18	42	64	91	87	82	63	86	24	36	646
WASHINGTON	27	25	15	26	46	66	85	80	68	75	22	35	570
WINDHAM	27	27	27	30	50	66	71	67	68	46	34	29	542
WINDSOR	17	43	31	28	70	74	89	82	70	88	43	51	686
TOTAL	211	279	214	343	582	726	910	832	690	660	295	383	6125

TABLE 77
1988 VERMONT MARRIAGES

TYPE OF CEREMONY BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM

	TYPE OF CEREMONY							
	GROOM				BRIDE			
PREVIOUS MARITAL STATUS	CIVIL	RELIGIOUS	UNKNOWN	TOTAL	CIVIL	RELIGIOUS	UNKNOWN	TOTAL
SINGLE	1473	2466	0	3939	1425	2560	0	3985
PREVIOUSLY MARRIED								
WIDOWED	57	86	0	143	76	93	0	169
DIVORCED	1224	795	2	2021	1250	692	2	1944
NOT STATED	2	1	0	3	3	1	0	4
UNKNOWN	5	14	0	19	7	16	0	23
TOTAL	2761	3362	2	6125	2761	3362	2	6125

TABLE 78
1988 VERMONT DIVORCES

PLAINTIFF AND CHILDREN UNDER 18 BY COUNTY OF DECREE

COUNTY OF DECREE	PLAINTIFF					CHILDREN UNDER 18					
	HUSBAND	WIFE	BOTH	OTHER	TOTAL	NONE	ONE	TWO	THREE+	UNKNOWN	TOTAL
ADDISON	57	74	2	0	133	55	29	32	17	0	133
BENNINGTON	66	101	5	1	173	57	44	47	25	0	173
CALEDONIA	36	81	1	0	118	47	28	29	14	0	118
CHITTENDEN	213	394	14	1	622	257	155	161	49	0	622
ESSEX	11	16	0	0	27	9	8	7	3	0	27
FRANKLIN	46	97	1	0	144	43	40	38	22	1	144
GRAND ISLE	4	13	0	0	17	4	6	6	1	0	17
LAMOILLE	29	69	1	0	99	42	23	26	8	0	99
ORANGE	33	95	1	0	129	52	30	27	20	0	129
ORLEANS	30	69	0	0	99	31	23	32	13	0	99
RUTLAND	81	184	1	0	266	109	72	63	22	0	266
WASHINGTON	86	187	1	0	274	91	80	78	25	0	274
WINDHAM	63	119	0	1	183	70	43	52	18	0	183
WINDSOR	98	204	1	1	304	145	71	59	29	0	304
TOTAL	853	1703	28	4	2588	1012	652	637	266	1	2588

TABLE 79
1988 VERMONT DIVORCES

MONTH OF DIVORCE BY COUNTY OF DECREE

COUNTY OF DECREE	MONTH OF DIVORCE												
	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	9	12	4	9	6	11	13	13	10	14	9	23	133
BENNINGTON	11	16	12	19	19	6	20	7	18	10	8	27	173
CALEDONIA	3	13	8	7	11	2	19	7	10	2	13	23	118
CHITTENDEN	27	24	54	40	51	58	52	74	42	57	58	85	622
ESSEX	3	0	3	0	2	1	7	0	1	1	4	5	27
FRANKLIN	1	10	4	11	17	10	31	18	16	0	11	15	144
GRAND ISLE	1	0	2	2	1	0	3	2	2	1	1	2	17
LAMOILLE	8	4	11	12	5	14	3	6	14	5	6	11	99
ORANGE	10	7	7	3	10	8	29	14	12	10	7	12	129
ORLEANS	4	4	13	5	2	15	9	7	7	14	3	16	99
RUTLAND	14	17	19	33	13	24	39	30	19	23	2	33	266
WASHINGTON	25	14	13	30	22	21	32	26	22	21	17	31	274
WINDHAM	14	2	30	2	8	22	23	5	21	3	15	38	183
WINDSOR	10	27	11	24	40	28	27	28	15	32	15	47	304
TOTAL	140	150	191	197	207	220	307	237	209	193	169	368	2588

TABLE 80
1988 VERMONT DIVORCES

LENGTH OF SEPARATION BY COUNTY OF DECREE

LENGTH OF SEPARATION

COUNTY OF DECREE	1-6 MONTHS	7-11 MONTHS	12-23 MONTHS	2-5 YEARS	OVER 5 YEARS	UNKNOWN	TOTAL
ADDISON	3	39	60	23	8	0	133
BENNINGTON	0	44	91	30	8	0	173
CALEDONIA	0	23	66	22	6	1	118
CHITTENDEN	2	134	319	139	19	9	622
ESSEX	1	5	18	2	1	0	27
FRANKLIN	1	24	89	18	10	2	144
GRAND ISLE	0	5	7	4	1	0	17
LAMOILLE	1	23	50	20	4	1	99
ORANGE	1	38	62	22	6	0	129
ORLEANS	0	24	42	30	3	0	99
RUTLAND	0	108	113	35	10	0	266
WASHINGTON	3	112	106	42	9	2	274
WINDHAM	0	28	98	46	10	1	183
WINDSOR	1	63	154	68	15	3	304
TOTAL	13	670	1275	501	110	19	2588

TABLE 81
1988 VERMONT DIVORCES

NUMBERS OF YEARS MARRIED BY COUNTY OF DECREE

YEARS MARRIED

COUNTY OF DECREE	< 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNKNOWN	TOTAL
ADDISON	7	12	4	9	9	4	8	9	12	18	22	9	10	0	133
BENNINGTON	11	15	6	17	8	8	10	8	7	36	26	11	10	0	173
CALEDONIA	3	10	14	10	6	12	6	6	9	18	13	1	10	0	118
CHITTENDEN	33	44	52	63	43	41	38	39	27	82	69	41	48	2	622
ESSEX	1	0	3	2	2	2	1	0	2	4	4	4	2	0	27
FRANKLIN	3	10	10	11	10	13	9	8	9	23	19	11	8	0	144
GRAND ISLE	0	2	1	2	1	0	0	1	0	2	2	4	2	0	17
LAMOILLE	3	11	7	5	7	8	5	7	3	19	10	7	7	0	99
ORANGE	7	6	13	7	10	7	12	7	4	21	18	10	7	0	129
ORLEANS	4	6	12	6	7	6	1	4	5	24	15	4	5	0	99
RUTLAND	16	22	25	25	21	21	12	11	15	43	24	13	18	0	266
WASHINGTON	15	28	21	26	16	29	20	9	11	35	32	17	15	0	274
WINDHAM	8	13	13	18	15	17	12	10	12	31	20	11	3	0	183
WINDSOR	15	17	31	21	20	22	19	19	15	53	30	21	21	0	304
TOTAL	126	196	212	222	175	190	153	138	131	409	304	164	166	2	2588

TABLE 82
1988 VERMONT DIVORCES

AGE OF WIFE BY AGE OF HUSBAND AT TIME OF DIVORCE

	AGE OF WIFE														
AGE OF HUSBAND	< 15 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70+ YEARS	UNKNOWN	TOTAL
15-19 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24 YEARS	0	12	121	24	5	3	0	0	0	0	0	0	0	2	167
25-29 YEARS	0	3	149	247	64	8	2	0	0	0	0	0	0	2	475
30-34 YEARS	0	1	39	224	240	59	18	1	0	0	0	1	0	1	584
35-39 YEARS	0	1	18	63	173	187	45	10	1	0	0	0	0	1	499
40-44 YEARS	0	0	4	25	63	121	133	13	4	4	0	0	0	1	368
45-49 YEARS	0	0	0	8	11	31	84	71	14	4	0	0	0	1	224
50-54 YEARS	0	0	1	0	5	11	15	43	38	4	0	0	0	1	118
55-59 YEARS	0	0	0	1	5	2	2	10	16	16	5	1	0	2	60
60-64 YEARS	0	0	0	0	2	1	4	5	14	12	6	1	0	0	45
65-69 YEARS	0	0	0	0	0	0	1	4	1	6	9	4	1	0	26
70 + YEARS	0	0	0	0	0	0	1	0	2	1	2	1	7	0	14
UNKNOWN	0	0	0	1	1	4	0	0	0	0	0	0	0	2	8
TOTAL	0	17	332	593	569	427	305	157	90	47	22	8	8	13	2588

TABLE 83
1988 VERMONT DIVORCES

MARRIAGE NUMBER OF WIFE BY MARRIAGE NUMBER OF HUSBAND

	MARRIAGE NUMBER OF WIFE				
MARRIAGE NUMBER OF HUSBAND	FIRST	SECOND	THIRD+	UNKNOWN	TOTAL
FIRST	1705	228	28	1	1962
SECOND	219	217	46	0	482
THIRD+	28	62	36	0	126
UNKNOWN	0	0	1	17	18
TOTAL	1952	507	111	18	2588

TABLE 84
1988 VERMONT DIVORCES

LENGTH OF MARRIAGE BY HUSBAND'S AGE AT MARRIAGE

YEARS OF MARRIAGE

HUSBAND'S AGE AT MARRIAGE	< 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNK	TOTAL
UNDER 15 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 YEARS	4	9	5	16	11	13	16	12	17	44	32	18	12	0	209
20-24 YEARS	31	63	79	72	60	73	62	60	57	182	181	100	108	0	1128
25-29 YEARS	28	58	57	75	40	42	29	28	32	101	62	31	32	0	615
30-34 YEARS	16	24	32	22	31	36	24	16	8	46	12	5	9	0	281
35-39 YEARS	26	21	15	20	14	15	13	9	8	11	8	5	2	0	167
40-44 YEARS	9	7	11	6	7	7	2	8	2	10	2	3	3	0	77
45-49 YEARS	7	6	7	3	5	1	1	1	1	7	4	1	0	0	44
50-54 YEARS	2	3	4	3	2	2	1	2	5	1	2	0	0	0	27
55-59 YEARS	0	4	1	2	1	0	1	1	1	3	0	0	0	0	14
60-64 YEARS	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
65-69 YEARS	2	1	1	0	1	0	1	0	0	0	0	0	0	0	6
70 + YEARS	1	0	0	2	1	1	0	0	0	0	0	0	0	0	5
UNKNOWN	0	0	0	1	1	0	2	1	0	4	1	1	0	2	13
TOTAL	126	196	212	222	175	190	153	138	131	409	304	164	166	2	2588

TABLE 85
1988 VERMONT DIVORCES

LENGTH OF MARRIAGE BY WIFE'S AGE AT MARRIAGE

YEARS OF MARRIAGE

WIFE'S AGE AT MARRIAGE	< 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNK	TOTAL
UNDER 15 YEARS	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
15-19 YEARS	17	28	33	49	30	38	38	34	41	127	106	57	58	0	656
20-24 YEARS	37	76	81	82	65	79	60	58	47	168	150	76	89	0	1068
25-29 YEARS	24	42	43	45	32	42	34	20	22	63	29	18	11	0	425
30-34 YEARS	19	16	24	24	26	10	9	9	15	26	6	6	3	0	193
35-39 YEARS	6	16	15	9	12	10	7	9	2	11	7	3	3	0	110
40-44 YEARS	10	6	8	6	4	5	2	3	2	5	4	1	0	0	56
45-49 YEARS	3	4	3	2	3	4	0	0	1	3	0	0	0	0	23
50-54 YEARS	4	5	2	0	1	1	0	1	1	1	1	0	0	0	17
55-59 YEARS	1	1	0	1	1	0	1	0	0	1	0	0	0	0	6
60-64 YEARS	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
65-69 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 + YEARS	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
UNKNOWN	3	1	3	2	1	1	1	3	0	4	1	3	2	2	27
TOTAL	126	196	212	222	175	190	153	138	131	409	304	164	166	2	2588

TABLE 86
1988 VERMONT DIVORCES

EDUCATION OF WIFE BY EDUCATION OF HUSBAND

EDUCATION OF HUSBAND	EDUCATION OF WIFE < HS	H.S. GRAD	SOME COLLEGE	COLLEGE GRAD	UNKNOWN	TOTAL
< HIGH SCHOOL	150	244	55	12	5	466
H.S. GRADUATE	171	807	220	71	5	1274
1-3 YRS COLLEGE	19	163	142	67	0	391
4+ YRS COLLEGE	8	61	123	233	0	425
UNKNOWN	1	5	2	0	24	32
TOTAL	349	1280	542	383	34	2588

TABLE 87
1988 VERMONT DIVORCES

NUMBER OF YEARS MARRIED BY NUMBER OF CHILDREN UNDER 18 AFFECTED BY THIS DIVORCE

YEARS OF MARRIAGE	NUMBER OF CHILDREN UNDER 18 NONE	ONE	TWO	THREE+	UNKNOWN	TOTAL
UNDER 1 YEAR	10	0	0	1	0	11
1-2 YEARS	214	78	13	6	0	311
3-4 YEARS	235	124	65	9	1	434
5-9 YEARS	254	232	226	75	0	787
10-14 YEARS	92	87	164	66	0	409
15+ YEARS	207	130	189	108	0	634
UNKNOWN	0	1	0	1	0	2
TOTAL	1012	652	657	266	1	2588

Appendix

APPENDIX A

VERMONT HOSPITALS

HOSPITAL	COUNTY	TOWN
Brattleboro Memorial Hospital	Windham	Brattleboro
Central Vermont Medical Center	Washington	Berlin
Copley Hospital	Lamoille	Morrisville
Fanny Allen Hospital	Chittenden	Colchester
Gifford Memorial Hospital	Orange	Randolph
Grace Cottage Hospital	Windham	Townshend
Medical Center Hospital of Vermont	Chittenden	Burlington
Mt. Ascutney Hospital	Windsor	Windsor
North Country Hospital	Orleans	Newport
Northeastern Vermont Regional Hospital	Caledonia	St. Johnsbury
Northwestern Medical Center	Franklin	St. Albans
Porter Hospital	Addison	Middlebury
Rockingham Memorial Hospital	Windham	Bellows Falls
Rutland Regional Medical Center	Rutland	Rutland
Southwestern Vermont Medical Center	Bennington	Bennington
Springfield Hospital	Windsor	Springfield
Vermont State Hospital	Washington	Waterbury
Veterans Administration Center	Windsor	White River

APPENDIX B

VERMONT BIRTH CERTIFICATE ISSUES AND CALCULATIONS

In 1984 the Vermont Department of Health conducted a study to determine how accurately the data recorded on birth certificates reflect the actual pregnancy and birth events. Results showed that while the majority of data are accurate, for some data items, specifically month prenatal care began, weeks of gestation and prenatal visits, hospitals used different methods of reporting these items. Detailed information about these items and their limitations is provided below. The Vermont Department of Health and the hospitals have modified their data collection procedures as a result of the study in order to improve the quality of the data and, therefore, its usefulness.

MONTH PRENATAL CARE BEGAN

The birth certificate provides space for the month of pregnancy in which prenatal care began, with instructions to indicate first, second, third, etc. The Vermont Department of Health study revealed that there were varying protocols used to determine when one month stopped and the next month began. Therefore geographical differences observed in the month prenatal care began may have been due to differing methods of reporting this data. In addition, actual differences could have been masked by these methodological differences.

Since June 1985, all hospitals are reporting the actual date of the first prenatal visit, and the month of pregnancy in which the care began is being calculated by computer. The 1985 Vermont Department of Health calculation used both the month and day of last menses and first prenatal visit. In 1988 it was learned that the National Center for Health Statistics (NCHS) uses only the month of last menses and month of first prenatal visit in its calculations.

The two methods, under certain circumstances, produce different results. For example, if the date of last menses is January 1, and the date of first prenatal visit is March 10, using the 1985 Vermont Department of Health calculation prenatal care began in the third month, while using the NCHS calculation prenatal care began in the second month. Whenever the day of first prenatal visit is greater than the day of last menses, the Vermont Department of Health calculation will be one month later than the NCHS calculation.

Both methods eliminated the error introduced by hospitals using different methods of reporting the data, but only the NCHS calculation allows Vermont data to be compared to national data. Therefore in 1988 the Vermont Department of Health adopted the NCHS method of calculating the month prenatal care began.

WEEKS OF GESTATION

Vermont's birth certificate has two items which provide data for gestational age. Space is provided for the date the mother's last normal menses began, and for an estimate of weeks of gestation. Weeks of gestation can be calculated by subtracting the date of last menses from the date of birth. The space provided for weeks of gestation is intended as a physician's or midwife's estimate of gestational age based upon physical examination of the newborn. Prior to 1984, the data published had been the weeks given on the certificate if available. For those births where no gestational age was given, the calculation was used.

The Vermont Department of Health study revealed that the "weeks of gestation" item rarely reflected the physician's estimate. More often, it was a calculation based on dates, made either in the delivery room or by the medical records staff. Since the study, hospitals are reserving the weeks of gestation box for its intended purpose.

The weeks of gestation are computed from the date of last menses and date of birth, if the dates are available and the computed weeks are between 15 and 55. For those records where month and year of menses are present, but day is missing, the weeks of gestation is assigned the gestational weeks of the preceding record that has complete dates with the same computed month of gestation and the same 500 gram birth weight interval. This is consistent with NCHS methodology.

An edit is then run which checks whether the birth weight of the record is within two standard deviations of the average birth weight for the calculated week of gestation. If the calculated week of gestation is within these bounds, it becomes the assigned week of gestation. If the calculated week of gestation is not within these bounds, but the given week of gestation is, the given week is assigned the week of gestation. If neither the calculated nor the given week is within these bounds, the record is queried.

NUMBER OF PRENATAL VISITS

Most Vermont obstetricians send copies of their expectant patients' charts to the intended hospital of delivery two or

three weeks before the expected due date. This allows the prenatal chart to be at the hospital at the time of delivery. Much of the medical data reported on the birth certificate comes from this prenatal chart. However, the hospital's copy of the prenatal record is not updated, and therefore any prenatal visits occurring after the chart has been sent to the hospital are not recorded on it.

The Vermont Department of Health study showed that most Vermont hospitals added one visit per week to the recorded number of prenatal visits for every week between the time the chart was sent to the hospital and the actual birth. However, two hospitals recorded only those visits documented on the prenatal record. As in the case of month prenatal care began, apparent regional differences in the number of prenatal visits were at least in part due to differing methods of reporting this data.

Beginning in June, 1985, all hospitals are reporting the date of the last recorded visit. Beginning in 1986, one visit per week has been added for every week between the date of the last recorded visit and delivery date for births of 36 or more weeks of gestation with under 20 reported visits, and whose last reported visit was within 4 weeks of delivery.

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Shigellosis and amebiasis	004, 006	004, 006
Certain other intestinal infections	007-009	008, 009
Tuberculosis	010-018	010-019
Tuberculosis of respiratory system	010-012	010-012
Other tuberculosis	013-018	013-019
Whooping Cough	033	033
Streptococcal sore throat, scarlatina and erysipelas	034-035	034
Meningococcal infection	036	036
Septicemia	038	038
Acute poliomyelitis	045	040-043
Measles	055	055
Viral hepatitis	070	070
Syphilis	090-097	090-097
All other infectious and parasitic diseases	001-003, 005, 020-032, 037, 039-041, 046-054, 056-066, 071-088, 098-139	Remainder of 000-136
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	140-209
...of lip, oral cavity, and pharynx	140-149	140-149
...of digestive organs and peritoneum	150-159	150-159
...of respiratory and intrathoracic organs	160-165	160-163
...of breast	174-175	174
...of genital organs	179-187	180-187
...of urinary organs	188-189	188, 189
...of all other and unspecified sites	170-173, 190-199	170-173, 190-199
Leukemia	204-208	204-207
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	200-203, 208, 209
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	210-239

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Diabetes mellitus	250	250
Nutritional deficiencies	260-269	260-269
Anemias	280-285	280-285
Meningitis	320-322	320
Major cardiovascular diseases	390-448	390-448
Diseases of heart	390-398, 402, 404-429	390-398, 402, 404, 410-429
Rheumatic fever & rheumatic heart disease	390-398	390-398
Hypertensive heart disease	402	402
Hypertensive heart and renal disease	404	404
Ischemic heart disease	410-414	410-413
Acute myocardial infarction	410	410
Other acute & subacute forms of ischemic heart disease	411	411
Angina pectoris	413	413
Old myocardial infarction & other forms of chronic ischemic heart disease	412, 414	412
Other diseases of endocardium	424	424, 428
All other forms of heart disease	415-423, 425-429	420-423, 425-427, 429
Hypertension with or without renal disease	401, 403	400, 401, 403
Cerebrovascular diseases	430-438	430-438
Intracerebral & other intracranial hemorrhage	431-432	431
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0, 434.9	433
Cerebral embolism	434.1	434
All other and late effects of cerebrovascular disease	430, 433, 435-438	430, 432, 435-438
Atherosclerosis	440	440
Other diseases of arteries, arterioles and capillaries	441-448	441-448

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Acute bronchitis and bronchiolitis	466	466
Pneumonia and Influenza	480-487	470-474, 480-486
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic obstructive pulmonary diseases (C.O.P.D.) & allied conditions	490-496	490-493, 519.3
Bronchitis, chronic and unspecified	490-491	490-491
Emphysema	492	492
Asthma	493	493
Other C.O.P.D. and allied conditions	494-496	519.3
Ulcer of stomach and duodenum	531-533	531-533
Appendicitis	540-543	540-543
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553, 560	550-553, 560
Chronic liver disease and cirrhosis	571	571
Cholelithiasis & other disorders of gallbladder	574-575	574, 575
Nephritis, nephrotic syndrome, and nephrosis	580-589	580-584
Acute glomerulonephritis & nephrotic syndrome	580-581	580, 581
Chronic glomerulonephritis, nephritis & nephropathy, not specified as acute or chronic and renal sclerosis, unspecified	582-583, 587	582-584
Renal failure, disorders resulting from impaired renal function, & small kidney of unknown cause	584-586, 588-589	582-584
Infections of kidney	590	590
Hyperplasia of prostate	600	600
Complications of pregnancy, childbirth and the puerperium	630-676	630-678
Pregnancy with abortive outcome	630-638	640-645
Other complications	640-676	630-639, 650-678

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Congenital Anomalies	740-759	740-759
Certain conditions originating in perinatal period	760-779	760-769.2, 769.4-772, 774-778
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	764-768. 772, 776
Other conditions	760-766, 770-779	Remainder of 760-778
Symptoms, signs and ill-defined conditions	780-799	780-796
All other diseases	Residual	Residual
Accidents and adverse effects	E800- E949	E800-E949
Motor vehicle accidents	E810-E825	E810-E823
All other accidents & adverse effects	E800-E807, E826-E949	E800-E807, E825-E949
Suicide	E950-E959	E950-E959
Homicide and legal intervention	E960-E978	E960-E978
All other external causes	E980-E999	E980-E999

APPENDIX D

NATURE OF INJURY CLASSIFICATIONS

Nature of Injury	Category According to the International Classification of Diseases 9th Revision
Fractures, dislocations, and sprains and strains of joints and adjacent muscles	800-848
Intracranial injury, excluding those with skull fracture	850-854
Internal injury of chest, abdomen and pelvis	860-869
Open wound and injury to blood vessels	870-904
Late effects of injuries, poisonings, toxic effects and other external causes	905-909
Superficial injury, contusion and crushing injury	910-929
Effects of foreign body entering through orifice	930-939
Burns	940-949
Injury to nerves and spinal cord	950-957
Certain traumatic complications and unspecified injury	958-959
Poisoning by drugs, medicaments and biological substances	960-979
Toxic effects of substances chiefly nonmedical as to source	980-989
Other and unspecified effects of external causes, complications of surgical and medical care not elsewhere classified	990-999

Appendix E

Computation of Weeks of Gestation for Abortion Tables

On the Vermont abortion form there is space for the date of last normal menses, date of abortion, and gestational age. In this report weeks of gestation is generally computed from the date of last normal menses and date of abortion. The given weeks is used if the date of last normal menses is unknown, or if the computed weeks and the given weeks are more than two weeks apart.

APPENDIX F

SAMPLE CERTIFICATE

VERMONT DEPARTMENT OF HEALTH

CERTIFICATE OF LIVE BIRTH

CHILD

CHILD — NAME (FIRST, MIDDLE, LAST) 1	DATE OF BIRTH (Month, Day, Year) 2a	HOUR 2b
SEX 3	THIS BIRTH — SINGLE, TWIN, TRIPLET, ETC. (Specify) 4a	IF NOT SINGLE BIRTH — BORN FIRST, SECOND, THIRD, ETC. (Specify) 4b
COUNTY OF BIRTH 5a	VERMONT	
CITY, TOWN, OF BIRTH 5b	FACILITY — NAME (If not in facility, give street and number) 5c	IF HOSPITAL 5d ☐ Inpatient ☐ Enroute

MOTHER

MOTHER — MAIDEN NAME (FIRST, MIDDLE, LAST) 6a	AGE (At time of this birth) 6b	TOWN AND STATE OF BIRTH (If not in U.S.A. Name Country) 6c
MOTHER'S MAILING ADDRESS (Including Street or Route Number and Zip) 7		
RESIDENCE — IN WHAT CITY OR TOWN DOES MOTHER ACTUALLY LIVE 8a	COUNTY 8b	CITY, TOWN 8c

FATHER

FATHER — NAME (FIRST, MIDDLE, LAST) 9a	AGE (At time of this birth) 9b	TOWN AND STATE OF BIRTH (If not in U.S.A. Name Country) 9c
INFORMANT 10a	RELATION TO CHILD 10b	

CERTIFIER

I certify that the above named child was born alive at the place and time and on the date stated above. 11a SIGNATURE	ATTENDANT — 11b ☐ MD ☐ DO ☐ RN, LPN, PA, EMT ☐ FAMILY MEMBER ☐ CNM ☐ LAY — MIDWIFE ☐ OTHER	DATE SIGNED (Month, Day, Year) 11c
CERTIFIER — NAME (TYPE OR PRINT) 11d	MAILING ADDRESS, CITY OR TOWN, STATE, ZIP 11e	

REGISTRAR

REGISTRAR — Signature 12a	DATE RECEIVED BY LOCAL REGISTRAR — MONTH, DAY, YEAR 12b
TRUE COPY, CLERK — Signature; 13a ATTEST	TOWN 13b; DATE, MONTH, DAY, YEAR 13c

FATHER — RACE	EDUCATION — SPECIFY HIGHEST GRADE COMPLETED		PREGNANCY HISTORY (Complete each section)	
WHITE, NEGRO, AMERICAN INDIAN, ETC. (Specify) 15	Elementary or Secondary (0-12) 16	College (1-4 or 5+)	LIVE BIRTHS (Do not include this Child)	OTHER TERMINATIONS (Spontaneous and Induced)
MOTHER — RACE	**EDUCATION — SPECIFY HIGHEST GRADE COMPLETED**		17a Now living: Number ___ None ☐	17b Now dead: Number ___ None ☐
WHITE, NEGRO, AMERICAN INDIAN, ETC. (Specify) 18	Elementary or Secondary (0-12) 19	College (1-4 or 5+)	17d Before 20 weeks: Number ___ None ☐	17e After 20 weeks: Number ___ None ☐

DATE LAST NORMAL MENSES BEGAN — MONTH, DAY, YEAR 20	WEEKS OF GESTATION 21	MONTH PRENATAL CARE BEGAN — FIRST, SECOND, THIRD, ETC. (Specify) 22a	PRENATAL VISITS — TOTAL NO. (If none, so state) 22b	DATE OF LAST LIVE BIRTH (Month, Year) 17c	DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) 17f

DATES OF BLOOD TESTS (STS) — FIRST TEST: MONTH, DAY, YEAR 24a	SECOND TEST: MONTH, DAY, YEAR 24b	IF NONE, GIVE REASON 24c	WAS MOTHER MARRIED 25 ☐ YES ☐ NO
COMPLICATIONS OF PREGNANCY (Describe or write "none") 26		BIRTHWEIGHT 30	WAS SILVER NITRATE OR OTHER SUITABLE PROPHYLACTIC USED IN BABY'S EYES? ☐ YES ☐ NO 23
CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 27			
COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 28		DELIVERY 31 ☐ VAGINAL ☐ CAESAREAN	
CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") 29		APGAR SCORE 1 min 32 / 5 min	IS INFANT LIVING AT TIME OF REPORT? 33 YES ☐ NO ☐

UNOFFICIAL COPY UNTIL FILED

APPENDIX F

SAMPLE CERTIFICATE

9-78

LOCAL FILE NUMBER

VERMONT DEPARTMENT OF HEALTH

CERTIFICATE OF DEATH

STATE FILE NUMBER

DECEASED

DECEASED—NAME (FIRST, MIDDLE, LAST) 1			SEX 2	DATE OF DEATH (Month, Day, Year) 3
RACE—(White, Black, American Indian, ETC) (Specify) 4	AGE LAST BIRTHDAY (Years) 5A	UNDER 1 YEAR: MOS. 5B / DAYS	UNDER 1 DAY: HOURS 5C / MIN.	DATE OF BIRTH (Month, Day, Year) 6
COUNTY OF DEATH 7A				
CITY, TOWN OF DEATH 7B	HOSPITAL OR OTHER INSTITUTION (If not in either give Street and Number) 7C			IF HOSPITAL or INSTITUTION ☐ Inpat ☐ ER ☐ DOA 7D
STATE OF BIRTH (If not in U.S.A. name country) 8	CITIZEN OF WHAT COUNTRY? 9	MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10	SURVIVING SPOUSE (If wife, give maiden name) 11	
SOCIAL SECURITY NO 12	USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 13A	BUSINESS OR INDUSTRY 13B	VETERAN? (If so, what war?) 14	
ACTUAL RESIDENCE: STATE 15A	COUNTY 15B	CITY, TOWN 15C	MAILING ADDRESS, INC. ZIP 15D	

PARENTS

FATHER—NAME (FIRST, MIDDLE, LAST) 16		MOTHER—MAIDEN NAME (FIRST, MIDDLE, LAST) 17	
INFORMANT—NAME 18A		MAILING ADDRESS (Street, R.F.D. No., City or Town, State, Zip Code) 18B	

CAUSE

PART I. DEATH WAS CAUSED BY (Enter only one cause per line for (A), (B), and (C).)	APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH
19 IMMEDIATE CAUSE (A)	
DUE TO, OR AS A CONSEQUENCE OF (B)	
DUE TO, OR AS A CONSEQUENCE OF (C)	
PART II. OTHER SIGNIFICANT CONDITIONS. Conditions contributing to death but not related to cause given in Part I (A)	HOSPITALIZED IN LAST 6 MONTHS? YES ☐ NO ☐ 19D — SURGERY IN LAST 6 MONTHS? YES ☐ NO ☐ 19E
	AUTOPSY YES ☐ NO ☐ 20A — IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH 20B ☐ YES ☐ NO

☐ Natural ☐ Accident ☐ Suicide ☐ Homicide ☐ Undet. ☐ Pending 21A	DATE OF INJURY (Month, Day, Year) 21B	HOUR 21C	HOW DID INJURY OCCUR (Enter nature of injury in Part I or Part II) 21D
INJURY AT WORK (Specify Yes or No) 21E	PLACE OF INJURY (At Home, Farm, Factory, Street, Office Bldg., etc.) (Specify) 21F	LOCATION (Street or R.F.D. No., City or Town, State) 21G	

CERTIFIER

TO THE BEST OF MY KNOWLEDGE, ON THE BASIS OF THE CASE HISTORY, EXAMINATION AND/OR INVESTIGATION, DEATH OCCURRED AT THE TIME, DATE AND PLACE AND DUE TO CAUSE(S) STATED ☐ Staff phys. ☐ Attend. phys. ☐ Pathologist ☐ Med. Examiner	DATE SIGNED (Mo., Day, Yr.) 23A	HOUR OF DEATH 23B
22A (Signature)	PRONOUNCED DEAD ON (Date) (Time) 23C	
NAME & ADDRESS OF CERTIFIER (Type or Print) 22B	NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (Type or Print) 24	

BURIAL

BURIAL, CREMATION, REMOVAL (Specify) 25A	CEMETERY OR CREMATORY—Name 25B	LOCATION (City or Town, State) 25C	
DATE (Month, Day, Year) 25D	FUNERAL HOME—Name (Street or R.F.D. No., City or Town, State, Zip Code) 26A		
FUNERAL DIRECTOR—Signature 26B	REGISTRAR—Signature 27A	DATE RECEIVED—By (Month, Day, Year) 27B	

TO BE SIGNED BY REGISTRAR IF COPY ONLY

TRUE COPY ATTEST (Clerk's Signature) 28A	TOWN OF 28B	DATE (Month, Day, Year) 28C

INFORMATIONAL COPY ONLY

BEST AVAILABLE COPY

APPENDIX F

DH-PHS-20-73

SAMPLE CERTIFICATE

Vermont Department of Health

REPORT OF FETAL DEATH

(20 Wks. & over or 400 grams & over in weight)

INFORMATIONAL COPY ONLY

FETUS

FETUS-NAME FIRST (If given)	MIDDLE (If given)	LAST	DATE OF DELIVERY (Month, day, year)	HOUR
1.			2a.	2b.

CITY, TOWN OF DELIVERY	HOSPITAL-NAME (If not in hospital, give street and number)
2c.	2d.

SEX:	THIS DELIVERY:	BIRTH WEIGHT	WHEN DID FETUS DIE?
☐ MALE ☐ FEMALE ☐ UNKNOWN 3.	☐ SINGLE ☐ TWIN ☐ TRIPLET ☐ ..... BORN ☐ First ☐ Second ☐ Third ☐ ..... 4.	5.	☐ BEFORE LABOR ☐ DURING LABOR OR DELIVERY ☐ UNKNOWN 6.

MOTHER

MOTHER-MAIDEN NAME: FIRST MIDDLE LAST	AGE (At time of this delivery)	STATE OF BIRTH (If not in U.S.A., name country)
7a.	7b.	7c.

LEGAL RESIDENCE-STATE	COUNTY	CITY, TOWN
8a.	8b.	8c.

MOTHER-RACE (White, Negro, American Indian, etc.) (Specify)	EDUCATION-SPECIFY HIGHEST GRADE COMPLETED			DATE LAST NORMAL MENSES BEGAN	IF UNK., ESTIMATED WEEKS OF GESTATI
	Elementary	High School	College		
9.	(0,1,2,3,4 ..... 8) 10.	(1,2,3,4)	(1,2,3,4, or 5+)	11a.	11b.

PREVIOUS DELIVERIES-HOW MANY OTHER CHILDREN:			DATE OF LAST LIVE BIRTH	DATE OF LAST FETAL DEATH
Are now Living	Were born alive-now dead	Were born dead (Fetal death time after conception)		
12a.	12b.	12c.	13a.	13b.

MONTH OF PRENATAL CARE BEGAN:	PRENATAL VISITS-TOTAL NUMBER (If none, so state)	DATE(S) OF BLOOD TESTS (If none, give reason)
☐ 1st ☐ 2nd ☐ 3rd ☐ 4th ☐ 5th ☐ 6th ☐ 7th ☐ 8th & 9th ☐ NONE		
14a.	14b.	15.

FATHER

FATHER-NAME: FIRST MIDDLE LAST	AGE (At time of this delivery)
16a.	16b.

FATHER-RACE (White, Negro, American Indian, etc.) (Specify)	EDUCATION-SPECIFY HIGHEST GRADE COMPLETED			STATE OF BIRTH (If not in U.S.A., name co
	Elementary	High School	College	
17.	(0,1,2,3,4 ..... 8) 18.	(1,2,3,4)	(1,2,3,4 or 5+)	19.

CAUSE

PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), or (c)		SPECIFY FETAL OR MATERN
20. Fetal or Maternal condition directly causing Fetal Death	IMMEDIATE CAUSE (a)	
Fetal and/or Maternal conditions, if any, giving rise to the Immediate Cause (a), stating the underlying cause last	DUE TO OR AS A CONSEQUENCE OF: (b)	
	DUE TO OR AS A CONSEQUENCE OF: (c)	

PATH REPORT?	IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH?	PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. CONDITIONS CONTRIBUTI TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)
☐ YES 21a. ☐ NO	21b.	20b.

COMPLICATIONS RELATED TO PREGNANCY (Describe or write "None")	
22.	
COMPLICATIONS NOT RELATED TO PREGNANCY (Describe or write "None")	BIRTH INJURIES TO FETUS (Describe or write "None")
23.	24.
COMPLICATIONS OF LABOR (Describe or write "None")	CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "No
25.	26.

CERTIFIER

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD Signature	DATE SIGNED (Month, day, yr.)	ATTENDANT-M.D., D.O., MIDWIFE, OTHER (Specify)
27a.	27b.	27c.

CERTIFIER-MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip)	MEDICAL EXAMINER (WHEN UNIDENTIFIED FETUS IS FOUND) (Signature)
27d.	28.

DISPOSITION OF REMAINS

☐ BURIAL ☐ CREMATION ☐ HOSPITAL DISPOSITION ☐ OTHER	NAME OF CEMETERY, CREMATORY OR HOSPITAL MAKING DISPOSAL	LOCATION (CITY OR TOWN)

APPENDIX F

SAMPLE CERTIFICATE

OH-PHS-20A-83

VERMONT DEPARTMENT OF HEALTH

INDUCED TERMINATION OF PREGNANCY REPORT

Report ALL Induced Abortions on this Form

INFORMATIONAL COPY ONLY

FACILITY

me of Facility or Physician :	County:	City or Town:

PATIENT INFORMATION

ient Ident. No.	Age	Date of Birth:

esidence – In what ity or town does Pt. ctually live	State:	County:	City or Town:

rtial Status:	Race:	EDUCATION – Specify Highest Grade Completed		
		Elementary (1-8)	High School (1-4)	College (1-4, 5+)
☐ Never Married ☐ Divorced	☐ White			
☐ Married ☐ Separated	☐ Black			
☐ Widowed ☐ Unknown	☐ Amer. Indian			
	☐ Other (Specify)			

MEDICAL INFORMATION

te of Procedure:	Date of Blood Test for Syphilis	PREVIOUS PREGNANCIES			
		LIVE BIRTHS		OTHER PREGNANCIES	
		Now Living	Now Dead	Spontaneous	Induced
te Last Normal Menses Began:	Gestational Age (Weeks):	# _____ None ☐	# _____ None ☐	# _____ None ☐	# _____ None ☐

TYPE OF TERMINATION PROCEDURES

PROCEDURE THAT TERMINATED PREGNANCY (CHECK ONLY ONE)		ADDITIONAL PROCEDURES USED FOR THIS TERMINATION (IF ANY) (CHECK ALL THAT APPLY)
☐	Suction Curettage	☐
☐	Sharp Curettage	☐
☐	Amniotic Fluid Exchange	☐
☐	Intra-uterine Prostaglandin Instillation	☐
☐	Hysterotomy	☐
☐	Hysterectomy	☐
☐	Early Uterine Evacuation (EUE)	☐
☐	Other (Specify) _____	☐

COMPLETIONS OF PREGNANCY TERMINATION

(CHECK ALL THAT APPLY)

- ☐ None
- ☐ Hemorrhage
- ☐ Infection
- ☐ Uterine Perforation
- ☐ Cervical Laceration
- ☐ Retained Products
- ☐ Other (Specify) _____

CERTIFICATION

hereby certify that I performed the procedure described above.

SIGNATURE _____ DATE _____ ATTENDANT (M.D., D.O., etc.) _____

ADDRESS _____

APPENDIX F

SAMPLE CERTIFICATE

VERMONT DEPARTMENT OF HEALTH

CERTIFICATE OF MARRIAGE

(DECLARATION OF INTENTION AND MARRIAGE CERTIFICATE)

TYPE OR PRINT IN PERMANENT BLACK INK PRESS FIRMLY

GROOM

NAME	FIRST	MIDDLE	LAST
1			

MAILING ADDRESS	STREET OR R.F.D.	CITY/TOWN	STATE	ZIP
2				

RESIDENCE – STATE IN WHAT CITY OR TOWN DOES 3A GROOM ACTUALLY LIVE	COUNTY 3B	CITY, TOWN 3C

DATE OF BIRTH (Month, Day, Year)	FATHER – Full Name	MOTHER – Full Maiden Name
4A	5A	6A
STATE OF BIRTH (If not in U.S.A. Name Country)	STATE OF BIRTH (If not in U.S.A. Name Country)	STATE OF BIRTH (If not in U.S.A. Name Country)
4B	5B	6B

BRIDE

NAME	FIRST	MIDDLE	LAST	MAIDEN NAME – (If different)
7A				7B

MAILING ADDRESS	STREET OR R.F.D.	CITY/TOWN	STATE	ZIP
8				

RESIDENCE – STATE IN WHAT CITY OR TOWN DOES 9A BRIDE ACTUALLY LIVE	COUNTY 9B	CITY, TOWN 9C

DATE OF BIRTH (Month, Day, Year)	FATHER – Full Name	MOTHER – Full Maiden Name
10A	11A	12A
STATE OF BIRTH (If not in U.S.A. Name Country)	STATE OF BIRTH (If not in U.S.A. Name Country)	STATE OF BIRTH (If not in U.S.A. Name Country)
10B	11B	12B

APPLICANT

WE HEREBY CERTIFY THAT THE INFORMATION PROVIDED IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AND THAT WE ARE FREE TO MARRY UNDER THE LAWS OF VERMONT.

APPLICANT – Signature	DATE SIGNED	APPLICANT – Signature	DATE SIGNED
13A	13B	13C	13D

CERTIFICATION

I hereby certify that the above named persons have made oath to the truth of the facts stated in the foregoing declaration of intention of marriage and complied with the marriage laws of the State of Vermont. A medical certificate or waiver, as per 18 V.S.A. 5136-5137, is on file in this office.

DATE ON WHICH LICENSE WAS ISSUED 14A

TOWN CLERK – Signature 14B

TOWN OR CITY 14C

OFFICIANT

This license authorizes the marriage of the above named couple by any person duly authorized to perform a marriage ceremony. THIS LICENSE IS VALID ONLY IN VERMONT.

THIS LICENSE IS VALID FROM _____ (DATE) TO _____ (DATE) UNLESS WAIVED BY A VERMONT COURT. 14D

I CERTIFY THAT THE ABOVE PERSONS WERE MARRIED ON THIS DATE 15A	CITY/TOWN AND COUNTY OF MARRIAGE 15B	
OFFICIANT – Signature 15C	DATE SIGNED (Month, Day, Year) 15D	RELIGIOUS OR CIVIL OFFICIAL (Specify) 15E
CLERK'S SIGNATURE 16A		DATE RECEIVED BY LOCAL REGISTRAR 16B

TO BE SIGNED BY REGISTRAR ON COPY ONLY

TRUE COPY – Clerk Signature 17A Attest	TOWN 17B	DATE 17C

GROOM

NAME 18			IF PREVIOUSLY MARRIED		EDUCATION (Specify only highest grade completed)	
			LAST MARRIAGE ENDED BY	DATE	Elementary or Secondary (0-12)	College (1-4 or 5 +)
PREMARITAL TEST (Month, Day, Year) 19	RACE – White, Black, American Indian, Etc. (Specify) 20	NO. OF THIS MARRIAGE (1st, 2nd, etc.) 21	☐ DEATH ☐ DIVORCE ☐ ANNULMENT 22A	MONTH YEAR 22B	23	

BRIDE

NAME 24			IF PREVIOUSLY MARRIED		EDUCATION (Specify only highest grade completed)	
			LAST MARRIAGE ENDED BY	DATE	Elementary or Secondary (0-12)	College (1-4 or 5 +)
PREMARITAL TEST (Month, Day, Year) 25	RACE – White, Black, American Indian, Etc. (Specify) 26	NO. OF THIS MARRIAGE (1st, 2nd, etc.) 27	☐ DEATH ☐ DIVORCE ☐ ANNULMENT 28A	MONTH YEAR 28B	29	

INFORMATIONAL COPY ONLY

APPENDIX F

SAMPLE CERTIFICATE

DH-PHS-25-82

VERMONT DEPARTMENT OF HEALTH

RECORD OF DIVORCE OR ANNULMENT

Court File Number

State File Number

HUSBAND

SBAND NAME — FIRST	MIDDLE	LAST	DATE OF BIRTH (MONTH DATE YEAR) 2
ATE OF BIRTH (IF NOT IN U.S.A., NAME COUNTRY)	RESIDENCE STATE 4a	COUNTY 4b	CITY TOWN 4c

WIFE

FE-MAIDEN NAME — FIRST	MIDDLE	LAST	DATE OF BIRTH (MONTH DAY YEAR) 6
ATE OF BIRTH (IF NOT IN U.S.A., NAME COUNTRY)	RESIDENCE STATE 8a	COUNTY 8b	CITY TOWN 8c

MARRIAGE

ACE OF THIS MARRIAGE CITY/TOWN	STATE (IF NOT IN U.S.A., NAME COUNTRY) 9b	DATE OF THIS MARRIAGE (Mo. Day Yr.) 9c	DATE COUPLE SEPARATED (Mo. Day Yr.) 10
MBER OF CHILDREN EVER BORN ALIVE OF THIS MARRIAGE	CHILDREN UNDER 18 IN THIS FAMILY 11b	PLAINTIFF HUSBAND WIFE BOTH OTHER (Specify) 12	
TORNEY FOR PLAINTIFF NAME (Type or print)	ADDRESS — STREET OR R.F.D. NO. — CITY OR TOWN — STATE — ZIP 13b		

DECREE

CERTIFY THAT THIS DECREE CAME ABSOLUTE (FINAL) ON — MONTH DAY YEAR	TYPE OF DECREE ABSOLUTE DIVORCE OR ANNULMENT (Specify) 14b	COUNTY OF DECREE 14c
GAL GROUNDS FOR DECREE (Specify)		
OURT OFFICIAL-SIGNATURE	TITLE OF COURT OFFICIAL 14f	DATE SIGNED 14g

INFORMATIONAL COPY ONLY

CONFIDENTIAL STATISTICAL INFORMATION
THIS SECTION MUST BE COMPLETED BEFORE FILING WITH THE COUNTY CLERK
(Title 18, Section 5004, V.S.A.)

	RACE-HUSBAND	NUMBER OF THIS MARRIAGE	IF PREVIOUSLY MARRIED HOW MANY ENDED BY		EDUCATION (Specify only highest grade completed)	
HUSBAND	Specify (e.g., White, Black, American Indian, etc.) 15	Specify (First, second, etc.) 16	DEATH? 17a	DIVORCE DISSOLUTION OR ANNULMENT? 17b	Elementary or Secondary (0-12) 18	College (1-4 or 5+)
	RACE-WIFE	NUMBER OF THIS MARRIAGE	IF PREVIOUSLY MARRIED HOW MANY ENDED BY		EDUCATION (Specify only highest grade completed)	
WIFE	Specify (e.g., White, Black, American Indian, etc.) 19	Specify (First, second, etc.) 20	DEATH? 21a	DIVORCE DISSOLUTION OR ANNULMENT? 21b	Elementary or Secondary (0-12) 22	College (1-4 or 5+)

REVISED TABLE 15
1985 VERMONT RESIDENT BIRTHS

APPENDIX G

MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	12	171	150	46	22	5	8	7	2	1	23	447
BENNINGTON	40	246	118	52	27	9	12	11	1	1	5	522
CALEDONIA	29	184	90	37	23	9	6	5	0	0	5	388
CHITTENDEN	110	843	538	153	61	43	35	25	6	4	72	1890
ESSEX	5	38	29	6	6	4	0	3	0	0	1	92
FRANKLIN	24	212	215	67	25	11	5	6	7	4	29	605
GRAND ISLE	3	42	26	7	2	0	0	1	1	0	3	85
LAMOILLE	20	111	68	32	10	8	6	2	0	1	3	261
ORANGE	41	211	84	33	6	7	5	3	0	0	7	397
ORLEANS	14	103	99	46	18	11	9	3	2	0	11	316
RUTLAND	42	328	281	90	52	25	10	11	6	8	24	877
WASHINGTON	38	380	195	59	31	14	9	8	1	5	14	754
WINDHAM	38	226	191	69	29	15	7	6	1	0	13	595
WINDSOR	68	349	230	72	36	18	8	4	2	2	9	798
TOTAL	484	3444	2314	769	348	179	120	95	29	26	219	8027

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	2.8	43.2	78.5	89.4	94.6	95.8	97.6	99.3	99.8	100.0
BENNINGTON	7.7	55.3	78.1	88.2	93.4	95.2	97.5	99.6	99.8	100.0
CALEDONIA	7.6	55.6	79.1	88.8	94.8	97.1	98.7	100.0	100.0	100.0
CHITTENDEN	6.1	52.4	82.0	90.4	93.8	96.1	98.1	99.4	99.8	100.0
ESSEX	5.5	47.3	79.1	85.7	92.3	96.7	96.7	100.0	100.0	100.0
FRANKLIN	4.2	41.0	78.3	89.9	94.3	96.2	97.0	98.1	99.3	100.0
GRAND ISLE	3.7	54.9	86.6	95.1	97.6	97.6	97.6	98.8	100.0	100.0
LAMOILLE	7.8	50.8	77.1	89.5	93.4	96.5	98.8	99.6	99.6	100.0
ORANGE	10.5	64.6	86.2	94.6	96.2	97.9	99.2	100.0	100.0	100.0
ORLEANS	4.6	38.4	70.8	85.9	91.8	95.4	98.4	99.3	100.0	100.0
RUTLAND	4.9	43.4	76.3	86.9	93.0	95.9	97.1	98.4	99.1	100.0
WASHINGTON	5.1	56.5	82.8	90.8	95.0	96.9	98.1	99.2	99.3	100.0
WINDHAM	6.5	45.4	78.2	90.0	95.0	97.6	98.8	99.8	100.0	100.0
WINDSOR	8.6	52.9	82.0	91.1	95.7	98.0	99.0	99.5	99.7	100.0
TOTAL	6.2	50.3	79.9	89.8	94.2	96.5	98.1	99.3	99.7	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

REVISED TABLE 15
1986 VERMONT RESIDENT BIRTHS

APPENDIX G

MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	22	180	153	43	21	13	7	5	1	0	27	472
BENNINGTON	48	225	125	55	30	14	17	7	2	3	3	529
CALEDONIA	34	195	114	27	20	8	4	6	4	3	11	426
CHITTENDEN	110	765	525	150	84	43	34	19	8	11	112	1861
ESSEX	3	36	31	8	5	2	1	0	0	1	3	90
FRANKLIN	26	209	199	76	23	21	19	10	1	2	41	627
GRAND ISLE	5	37	25	12	4	2	3	2	0	1	3	94
LAMOILLE	29	127	67	21	13	11	5	2	1	4	13	293
ORANGE	42	189	77	21	8	12	6	2	1	2	3	363
ORLEANS	12	126	108	46	31	7	3	2	2	0	6	343
RUTLAND	71	341	235	75	57	31	22	16	4	8	40	900
WASHINGTON	49	362	157	72	27	15	16	9	5	3	20	735
WINDHAM	31	228	195	69	28	17	9	5	2	2	8	594
WINDSOR	91	341	198	61	27	23	10	6	1	5	7	770
TOTAL	573	3361	2209	736	378	219	156	91	32	45	297	8097

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	4.9	45.4	79.8	89.4	94.2	97.1	98.7	99.8	100.0	100.0
BENNINGTON	9.1	51.9	75.7	86.1	91.8	94.5	97.7	99.0	99.4	100.0
CALEDONIA	8.2	55.2	82.7	89.2	94.0	95.9	96.9	98.3	99.3	100.0
CHITTENDEN	6.3	50.0	80.0	88.6	93.4	95.9	97.8	98.9	99.4	100.0
ESSEX	3.4	44.8	80.5	89.7	95.4	97.7	98.9	98.9	98.9	100.0
FRANKLIN	4.4	40.1	74.1	87.0	91.0	94.5	97.8	99.5	99.7	100.0
GRAND ISLE	5.5	46.2	73.6	86.8	91.2	93.4	96.7	98.9	98.9	100.0
LAMOILLE	10.4	55.7	79.6	87.1	91.8	95.7	97.5	98.2	98.6	100.0
ORANGE	11.7	64.2	85.6	91.4	93.6	96.9	98.6	99.2	99.4	100.0
ORLEANS	3.6	40.9	73.0	86.6	95.8	97.9	98.8	99.4	100.0	100.0
RUTLAND	8.3	47.9	75.2	84.0	90.6	94.2	96.7	98.6	99.1	100.0
WASHINGTON	6.9	57.5	79.4	89.5	93.3	95.4	97.6	98.9	99.6	100.0
WINDHAM	5.3	44.2	77.5	89.2	94.0	96.9	98.5	99.3	99.7	100.0
WINDSOR	11.9	56.6	82.6	90.6	94.1	97.1	98.4	99.2	99.3	100.0
TOTAL	7.3	50.4	78.8	88.2	93.0	95.8	97.8	99.0	99.4	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

REVISED TABLE 15
1987 VERMONT RESIDENT BIRTHS

APPENDIX G

MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	30	200	153	42	22	15	7	7	6	3	31	516
BENNINGTON	55	213	130	44	32	14	13	3	4	6	9	523
CALEDONIA	45	166	63	36	14	18	8	2	2	3	18	375
CHITTENDEN	196	816	484	135	69	44	30	14	12	11	131	1942
ESSEX	6	29	20	8	3	4	4	0	0	1	3	78
FRANKLIN	34	203	174	65	37	25	6	6	2	15	31	598
GRAND ISLE	4	29	28	7	4	0	4	1	1	1	7	86
LAMOILLE	28	121	71	29	13	7	3	7	0	2	18	299
ORANGE	33	145	82	31	18	6	11	5	1	3	55	390
ORLEANS	14	121	84	32	18	10	6	4	0	2	9	300
RUTLAND	77	336	192	84	42	25	8	12	8	3	40	827
WASHINGTON	54	391	195	35	34	22	10	10	5	7	23	786
WINDHAM	25	216	205	88	20	21	16	8	2	1	29	631
WINDSOR	74	280	151	51	22	25	19	8	5	4	134	773
TOTAL	675	3266	2032	687	348	236	145	87	48	62	538	8124

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	6.2	47.4	79.0	87.6	92.2	95.3	96.7	98.1	99.4	100.0
BENNINGTON	10.7	52.1	77.4	86.0	92.2	94.9	97.5	98.1	98.8	100.0
CALEDONIA	12.6	59.1	76.8	86.8	90.8	95.8	98.0	98.6	99.2	100.0
CHITTENDEN	10.8	55.9	82.6	90.1	93.9	96.3	98.0	98.7	99.4	100.0
ESSEX	8.0	46.7	73.3	84.0	88.0	93.3	98.7	98.7	98.7	100.0
FRANKLIN	6.0	41.8	72.5	84.0	90.5	94.9	95.9	97.0	97.4	100.0
GRAND ISLE	5.1	41.8	77.2	86.1	91.1	91.1	96.2	97.5	98.7	100.0
LAMOILLE	10.0	53.0	78.3	88.6	93.2	95.7	96.8	99.3	99.3	100.0
ORANGE	9.9	53.1	77.6	86.9	92.2	94.0	97.3	98.8	99.1	100.0
ORLEANS	4.8	46.4	75.3	86.3	92.4	95.9	97.9	99.3	99.3	100.0
RUTLAND	9.8	52.5	76.9	87.5	92.9	96.1	97.1	98.6	99.6	100.0
WASHINGTON	7.1	58.3	83.9	88.5	92.9	95.8	97.1	98.4	99.1	100.0
WINDHAM	4.2	40.0	74.1	88.7	92.0	95.5	98.2	99.5	99.8	100.0
WINDSOR	11.6	55.4	79.0	87.0	90.5	94.4	97.3	98.6	99.4	100.0
TOTAL	8.9	52.0	78.7	87.8	92.4	95.5	97.4	98.5	99.2	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 15
1988 VERMONT RESIDENT BIRTHS

APPENDIX H

1985 CALCULATION
MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	3	99	212	51	29	13	9	7	5	1	33	462
BENNINGTON	9	152	201	91	29	21	11	10	5	4	6	539
CALEDONIA	3	139	145	53	22	13	6	5	2	0	9	397
CHITTENDEN	8	719	757	167	66	34	26	24	18	9	165	1993
ESSEX	2	28	28	11	4	5	0	2	0	0	9	89
FRANKLIN	3	155	207	94	48	22	16	14	3	2	70	634
GRAND ISLE	0	20	39	12	6	1	2	1	2	1	5	89
LAMOILLE	2	90	104	28	9	6	3	4	0	3	11	260
ORANGE	3	107	146	50	21	8	8	3	1	2	18	367
ORLEANS	0	61	149	63	18	6	9	4	2	0	15	327
RUTLAND	7	266	312	99	46	23	20	14	8	4	39	838
WASHINGTON	9	167	400	94	35	23	19	5	3	2	25	782
WINDHAM	5	97	259	118	49	20	12	12	6	4	31	613
WINDSOR	5	267	274	72	42	26	11	7	1	1	20	726
TOTAL	59	2367	3233	1003	424	221	152	112	56	33	456	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	0.7	23.8	73.2	85.1	91.8	94.9	97.0	98.6	99.8	100.0
BENNINGTON	1.7	30.2	67.9	85.0	90.4	94.4	96.4	98.3	99.2	100.0
CALEDONIA	0.8	36.6	74.0	87.6	93.3	96.6	98.2	99.5	100.0	100.0
CHITTENDEN	0.4	39.8	81.2	90.3	93.9	95.8	97.2	98.5	99.5	100.0
ESSEX	2.5	37.5	72.5	86.3	91.3	97.5	97.5	100.0	100.0	100.0
FRANKLIN	0.5	28.0	64.7	81.4	89.9	93.8	96.6	99.1	99.6	100.0
GRAND ISLE	0.0	23.8	70.2	84.5	91.7	92.9	95.2	96.4	98.8	100.0
LAMOILLE	0.8	36.9	78.7	90.0	93.6	96.0	97.2	98.8	98.8	100.0
ORANGE	0.9	31.5	73.4	87.7	93.7	96.0	98.3	99.1	99.4	100.0
ORLEANS	0.0	19.6	67.3	87.5	93.3	95.2	98.1	99.4	100.0	100.0
RUTLAND	0.9	34.2	73.2	85.6	91.4	94.2	96.7	98.5	99.5	100.0
WASHINGTON	1.2	23.2	76.1	88.5	93.1	96.2	98.7	99.3	99.7	100.0
WINDHAM	0.9	17.5	62.0	82.3	90.7	94.2	96.2	98.3	99.3	100.0
WINDSOR	0.7	38.5	77.3	87.5	93.5	97.2	98.7	99.7	99.9	100.0
TOTAL	0.8	31.7	73.9	87.0	92.5	95.4	97.4	98.8	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

APPENDIX H

TABLE 19
1988 VERMONT RESIDENT BIRTHS

1985 CALCULATION
MONTH PRENATAL CARE BEGAN BY EDUCATION OF MOTHER
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 9 YEARS	1	27	38	23	10	11	4	6	1	1	21	143
9 YEARS	1	38	58	31	19	12	7	7	10	0	21	204
10 YEARS	1	54	100	60	33	12	14	13	7	2	24	320
11 YEARS	1	44	114	60	38	18	14	11	4	0	23	327
H.S. GRADUATE	22	875	1340	503	203	105	75	45	23	17	186	3394
1 YEAR COLLEGE	5	176	253	63	21	15	10	6	2	2	36	589
2 YEARS COLLEGE	7	296	347	82	30	12	8	5	2	3	36	828
3 YEARS COLLEGE	2	95	102	20	11	7	4	2	2	1	8	254
COLLEGE GRAD. +	18	754	870	156	54	27	14	16	4	6	88	2007
UNKNOWN	1	8	11	5	5	2	2	1	1	1	13	50
TOTAL	59	2367	3233	1003	424	221	152	112	56	33	456	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 9 YEARS	0.8	23.0	54.1	73.0	81.1	90.2	93.4	98.4	99.2	100.0
9 YEARS	0.5	21.3	53.0	69.9	80.3	86.9	90.7	94.5	100.0	100.0
10 YEARS	0.3	18.6	52.4	72.6	83.8	87.8	92.6	97.0	99.3	100.0
11 YEARS	0.3	14.8	52.3	72.0	84.5	90.5	95.1	98.7	100.0	100.0
H.S. GRADUATE	0.7	28.0	69.7	85.4	91.7	95.0	97.4	98.8	99.5	100.0
1 YEAR COLLEGE	0.9	32.7	78.5	89.9	93.7	96.4	98.2	99.3	99.6	100.0
2 YEARS COLLEGE	0.9	38.3	82.1	92.4	96.2	97.7	98.7	99.4	99.6	100.0
3 YEARS COLLEGE	0.8	39.4	80.9	89.0	93.5	96.3	98.0	98.8	99.6	100.0
COLLEGE GRAD +	0.9	40.2	85.6	93.7	96.5	97.9	98.6	99.5	99.7	100.0
UNKNOWN	2.7	24.3	54.1	67.6	81.1	86.5	91.9	94.6	97.3	100.0
TOTAL	0.8	31.7	73.9	87.0	92.5	95.4	97.4	98.8	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

APPENDIX H

TABLE 20
1988 VERMONT RESIDENT BIRTHS

1985 CALCULATION
MONTH PRENATAL CARE BEGAN BY NUMBER OF PRENATAL VISITS
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
NONE	0	0	0	0	0	0	0	0	0	33	0	33
1	0	2	4	2	1	1	5	6	6	0	10	37
2	1	3	4	2	4	2	8	7	8	0	4	43
3	1	0	4	4	4	5	10	10	8	0	7	53
4	0	3	5	12	8	14	12	19	10	0	11	94
5	0	10	38	32	21	17	16	12	6	0	12	164
6-8	3	403	608	248	130	89	55	32	12	0	46	1626
9-11	25	750	1249	421	163	76	31	21	4	0	65	2805
12	5	294	397	96	34	6	3	0	1	0	25	861
13-15	15	605	67[illegible]	136	47	6	4	2	0	0	21	1509
16-19	7	194	17[illegible]	30	10	2	2	0	0	0	10	427
20+	2	61	3[illegible]	4	0	1	1	0	0	0	1	103
UNKNOWN	0	42	46	16	2	2	5	3	1	0	244	361
TOTAL	59	2367	3233	1003	424	221	152	112	56	33	456	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
NONE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1	0.0	7.4	22.2	29.6	33.3	37.0	55.6	77.8	100.0	100.0
2	2.6	10.3	20.5	25.6	35.9	41.0	61.5	79.5	100.0	100.0
3	2.2	2.2	10.9	19.6	28.3	39.1	60.9	82.6	100.0	100.0
4	0.0	3.6	9.6	24.1	33.7	50.6	65.1	88.0	100.0	100.0
5	0.0	6.6	31.6	52.6	66.4	77.6	88.2	96.1	100.0	100.0
6-8	0.2	25.7	64.2	79.9	88.1	93.7	97.2	99.2	100.0	100.0
9-11	0.9	28.3	73.9	89.2	95.2	98.0	99.1	99.9	100.0	100.0
12	0.6	35.8	83.3	94.7	98.8	99.5	99.9	99.9	100.0	100.0
13-15	1.0	41.7	86.9	96.0	99.2	99.6	99.9	100.0	100.0	100.0
16-19	1.7	48.2	89.4	96.6	99.0	99.5	100.0	100.0	100.0	100.0
20+	2.0	61.8	94.1	98.0	98.0	99.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	35.9	75.2	88.9	90.6	92.3	96.6	99.1	100.0	100.0
TOTAL	0.8	31.7	73.9	87.0	92.5	95.4	97.4	98.8	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 21
1988 VERMONT RESIDENT BIRTHS

1985 CALCULATION
MONTH PRENATAL CARE BEGAN* BY AGE OF MOTHER

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	1	0	0	0	0	1
15 YEARS	0	2	3	4	1	1	1	2	0	0	5	19
16 YEARS	0	4	22	6	8	10	4	1	2	0	4	61
17 YEARS	0	15	34	28	24	10	5	3	3	0	17	139
18 YEARS	1	34	56	39	20	10	8	6	3	2	20	199
19 YEARS	1	37	83	66	31	18	20	9	7	1	25	298
(15-19 YRS)	(2)	(92)	(198)	(143)	(84)	(49)	(38)	(21)	(15)	(3)	(71)	(716)
20 YEARS	1	58	107	64	31	16	17	10	5	2	25	336
21 YEARS	3	70	130	63	32	15	11	10	9	2	22	367
22 YEARS	3	85	158	68	25	13	6	8	2	4	28	400
23 YEARS	4	131	193	69	30	13	10	11	4	3	19	487
24 YEARS	2	142	209	65	28	13	6	6	4	0	27	502
(20-24 YRS)	(13)	(486)	(797)	(329)	(146)	(70)	(50)	(45)	(24)	(11)	(121)	(2092)
25-29 YRS	22	858	1123	268	109	58	38	22	9	7	134	2648
30-34 YRS	12	640	809	180	58	30	15	15	6	8	89	1862
35-39 YRS	6	249	263	71	23	11	8	7	2	3	38	681
40-44 YRS	2	32	31	11	4	1	2	2	0	1	3	89
45+ YEARS	0	0	0	0	0	1	0	0	0	0	0	1
UNKNOWN	2	10	12	1	0	1	0	0	0	0	0	26
TOTAL	59	2367	3233	1003	424	221	152	112	56	33	456	8116

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0
15 YEARS	0.0	14.3	35.7	64.3	71.4	78.6	85.7	100.0	100.0	100.0
16 YEARS	0.0	7.0	45.6	56.1	70.2	87.7	94.7	96.5	100.0	100.0
17 YEARS	0.0	12.3	40.2	63.1	82.8	91.0	95.1	97.5	100.0	100.0
18 YEARS	0.6	19.6	50.8	72.6	83.8	89.4	93.9	97.2	98.9	100.0
19 YEARS	0.4	13.9	44.3	68.5	79.9	86.4	93.8	97.1	99.6	100.0
(15-19 YRS)	(0.3)	(14.6)	(45.3)	(67.4)	(80.5)	(88.1)	(94.0)	(97.2)	(99.5)	(100.0)
20 YEARS	0.3	19.0	53.4	74.0	83.9	89.1	94.5	97.7	99.4	100.0
21 YEARS	0.9	21.2	58.8	77.1	86.4	90.7	93.9	96.8	99.4	100.0
22 YEARS	0.8	23.7	66.1	84.4	91.1	94.6	96.2	98.4	98.9	100.0
23 YEARS	0.9	28.8	70.1	84.8	91.2	94.0	96.2	98.5	99.4	100.0
24 YEARS	0.4	30.3	74.3	88.0	93.9	96.6	97.9	99.2	100.0	100.0
(20-24 YRS)	(0.7)	(25.3)	(65.8)	(82.4)	(89.9)	(93.4)	(95.9)	(98.2)	(99.4)	(100.0)
25-29 YRS	0.9	35.0	79.7	90.3	94.7	97.0	98.5	99.4	99.7	100.0
30-34 YRS	0.7	36.8	82.4	92.6	95.8	97.5	98.4	99.2	99.5	100.0
35-39 YRS	0.9	39.7	80.6	91.6	95.2	96.9	98.1	99.2	99.5	100.0
40-44 YRS	2.3	39.5	75.6	88.4	93.0	94.2	96.5	98.8	98.8	100.0
45+ YEARS	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	7.7	46.2	92.3	96.2	96.2	100.0	100.0	100.0	100.0	100.0
TOTAL	0.8	31.7	73.9	87.0	92.5	95.4	97.4	98.8	99.6	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

APPENDIX I

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